

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054357.D
 Acq On : 31 May 2023 23:20
 Operator : JC/MD
 Sample : VU0531WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

Quant Time: Jun 01 06:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.369	168	219872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	372361	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	358303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	194690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	153257	53.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.340%			
35) Dibromofluoromethane	5.282	113	124636	51.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	7.893	98	457284	50.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.280%			
62) 4-Bromofluorobenzene	10.629	95	170765	48.285	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49297	20.084	ug/l	100
3) Chloromethane	1.520	50	66120	20.573	ug/l	97
4) Vinyl Chloride	1.604	62	65287	21.290	ug/l	99
5) Bromomethane	1.851	94	33710	19.859	ug/l	98
6) Chloroethane	1.925	64	34473	23.311	ug/l	99
7) Trichlorofluoromethane	2.131	101	82620	19.584	ug/l	99
8) Diethyl Ether	2.372	74	33472	21.432	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.575	101	46597	20.400	ug/l	94
10) Methyl Iodide	2.719	142	52768	20.718	ug/l	96
11) Tert butyl alcohol	3.211	59	81987m	105.305	ug/l	
12) 1,1-Dichloroethene	2.575	96	45986	19.444	ug/l	94
13) Acrolein	2.481	56	63121	77.932	ug/l	100
14) Allyl chloride	2.919	41	82258	20.060	ug/l #	86
15) Acrylonitrile	3.311	53	187790	107.578	ug/l	98
16) Acetone	2.629	43	153552	92.940	ug/l	100
17) Carbon Disulfide	2.787	76	131781	18.854	ug/l	99
18) Methyl Acetate	2.944	43	134753	22.338	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	157179	20.303	ug/l	97
20) Methylene Chloride	3.041	84	60808	20.401	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	50423	19.914	ug/l	98
22) Diisopropyl ether	3.986	45	158879	21.860	ug/l #	83
23) Vinyl Acetate	3.948	43	570539	107.578	ug/l	97
24) 1,1-Dichloroethane	3.864	63	99063	21.286	ug/l	99
25) 2-Butanone	4.700	43	236550	108.139	ug/l	96
26) 2,2-Dichloropropane	4.658	77	63504	15.614	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	58211	20.666	ug/l	96
28) Bromochloromethane	4.967	49	50719	23.551	ug/l	82
29) Tetrahydrofuran	5.047	42	154326	112.238	ug/l	92
30) Chloroform	5.083	83	96492	20.396	ug/l	98
31) Cyclohexane	5.382	56	82511	20.274	ug/l	96
32) 1,1,1-Trichloroethane	5.311	97	84136	20.485	ug/l	98
36) 1,1-Dichloropropene	5.520	75	66528	17.664	ug/l	98
37) Ethyl Acetate	4.800	43	83940	18.287	ug/l #	90
38) Carbon Tetrachloride	5.517	117	70468	18.280	ug/l	98
39) Methylcyclohexane	6.755	83	75973	17.809	ug/l	91
40) Benzene	5.767	78	214598	19.975	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	44368	20.915	ug/l	94
42) 1,2-Dichloroethane	5.787	62	74666	19.132	ug/l	98
43) Isopropyl Acetate	5.906	43	125783	19.867	ug/l	98
44) Trichloroethene	6.536	130	55436	18.460	ug/l	98
45) 1,2-Dichloropropane	6.783	63	56418	20.131	ug/l	99
46) Dibromomethane	6.912	93	39967	19.374	ug/l	95
47) Bromodichloromethane	7.099	83	75921	19.679	ug/l	100
48) Methyl methacrylate	6.954	41	55243	19.675	ug/l	94
49) 1,4-Dioxane	6.986	88	35481	437.721	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	435298	103.025	ug/l	99
52) Toluene	7.963	92	132810	19.388	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	80361	18.207	ug/l	97
54) cis-1,3-Dichloropropene	7.603	75	85654	18.595	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	56374	19.858	ug/l	98
56) Ethyl methacrylate	8.330	69	82460	19.514	ug/l	96
57) 1,3-Dichloropropane	8.568	76	96023	19.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	28835	106.429	ug/l	93
59) 2-Hexanone	8.681	43	337944	101.251	ug/l	99
60) Dibromochloromethane	8.803	129	57198	19.831	ug/l	99
61) 1,2-Dibromoethane	8.918	107	60406	19.551	ug/l	100
64) Tetrachloroethene	8.549	164	50610	18.768	ug/l	96
65) Chlorobenzene	9.443	112	139911	18.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	52006	19.138	ug/l	99
67) Ethyl Benzene	9.565	91	240206	18.757	ug/l	97
68) m/p-Xylenes	9.690	106	184871	38.085	ug/l	92
69) o-Xylene	10.095	106	91280	19.426	ug/l	94
70) Styrene	10.111	104	150531	19.317	ug/l	97
71) Bromoform	10.285	173	44712	18.935	ug/l #	99
73) Isopropylbenzene	10.478	105	233354	19.354	ug/l	98
74) N-amyl acetate	10.317	43	101761	19.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	101290	20.761	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	109129	19.205	ug/l	99
77) Bromobenzene	10.777	156	64552	19.496	ug/l	92
78) n-propylbenzene	10.899	91	279361	18.914	ug/l	98
79) 2-Chlorotoluene	10.979	91	176203	19.704	ug/l	92
80) 1,3,5-Trimethylbenzene	11.082	105	198157	19.325	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	26062	17.466	ug/l	95
82) 4-Chlorotoluene	11.092	91	201702	19.224	ug/l	95
83) tert-Butylbenzene	11.417	119	193181	18.840	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	196071	19.220	ug/l	97
85) sec-Butylbenzene	11.639	105	247869	19.051	ug/l	99
86) p-Isopropyltoluene	11.787	119	201826	18.443	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	117976	18.402	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	121601	18.156	ug/l	97
89) n-Butylbenzene	12.204	91	174902	16.979	ug/l	98
90) Hexachloroethane	12.468	117	35691	18.436	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	119436	18.937	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	22047	19.814	ug/l	90
93) 1,2,4-Trichlorobenzene	13.835	180	75684	17.989	ug/l	99
94) Hexachlorobutadiene	14.015	225	35259	17.531	ug/l	99
95) Naphthalene	14.082	128	243334	18.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	76239	18.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

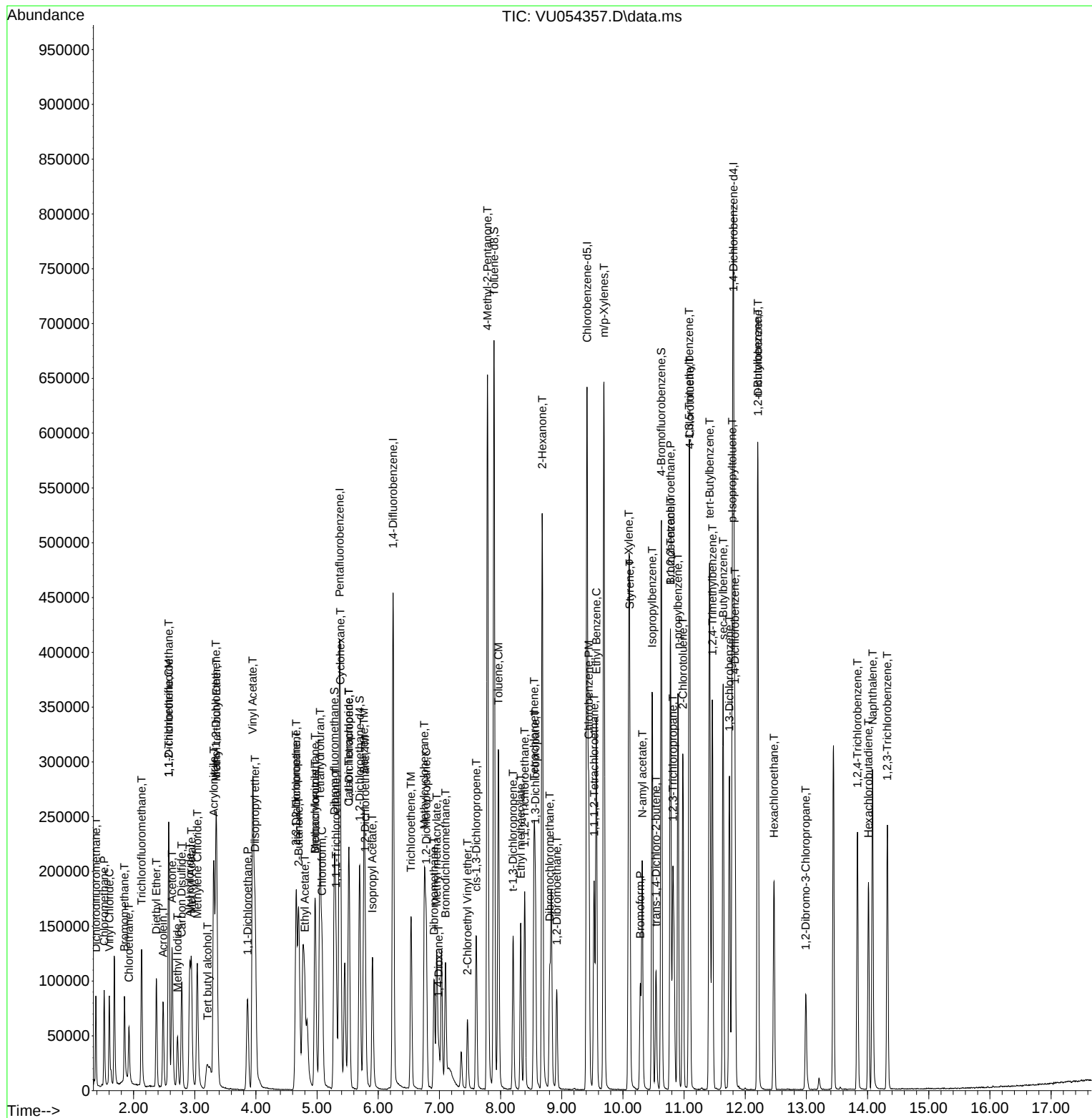
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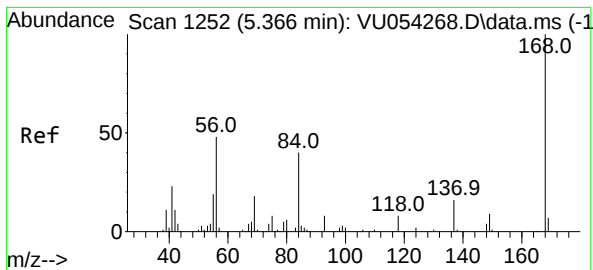
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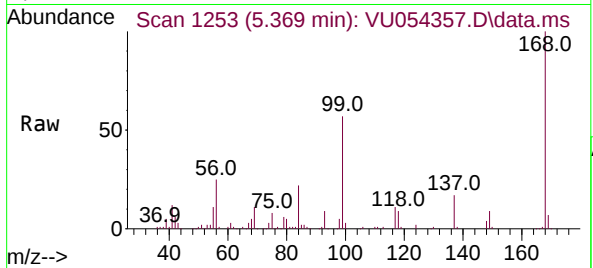
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054357.D
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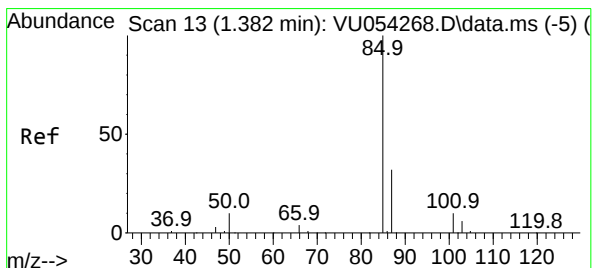
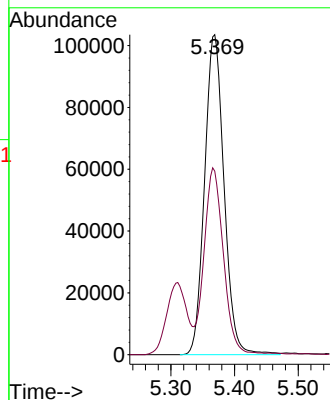
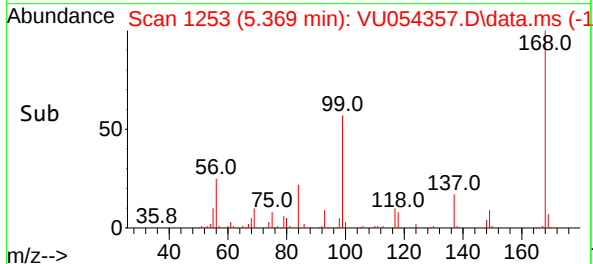
Instrument :
MSVOA_U
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VU0531WBS02



Tgt Ion:168 Resp: 219872
Ion Ratio Lower Upper
168 100
99 56.9 39.3 58.9

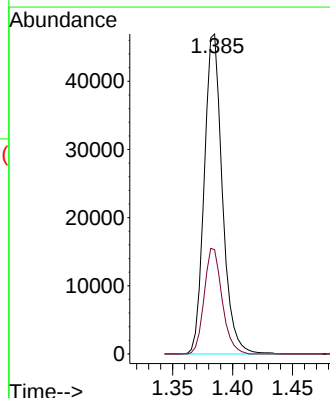
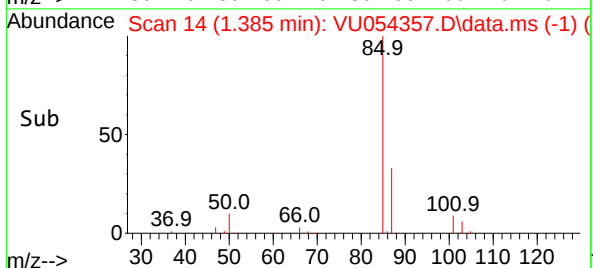
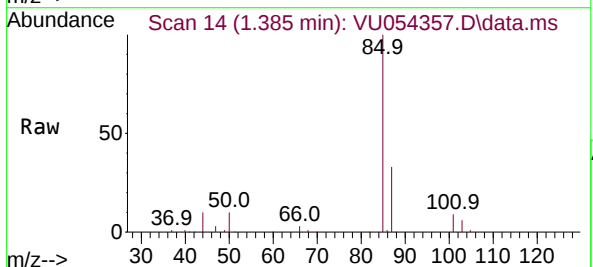
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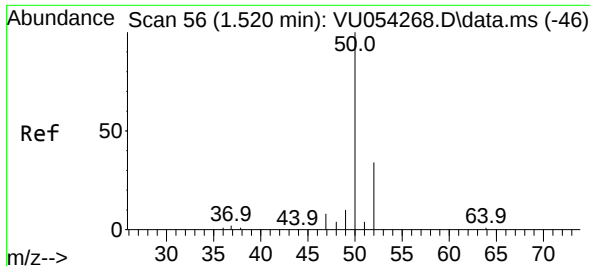
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#2
Dichlorodifluoromethane
Concen: 20.084 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion: 85 Resp: 49297
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.2





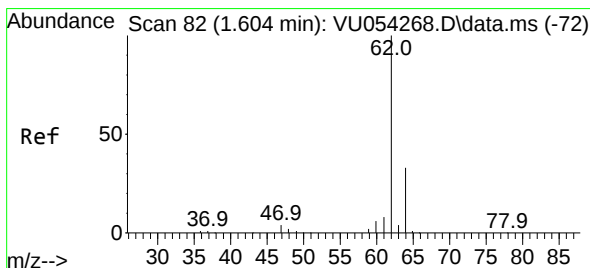
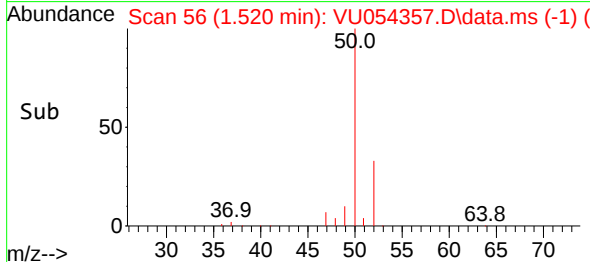
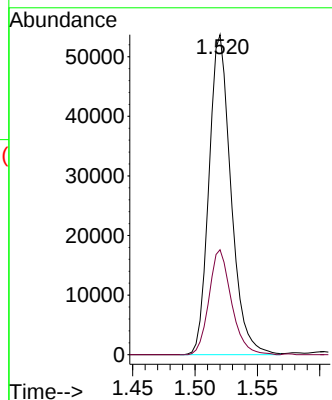
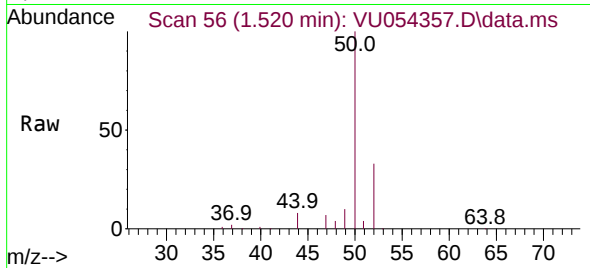
#3
Chloromethane
Concen: 20.573 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
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ClientSampleId :
VU0531WBS02

Tgt Ion: 50 Resp: 66120
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.2

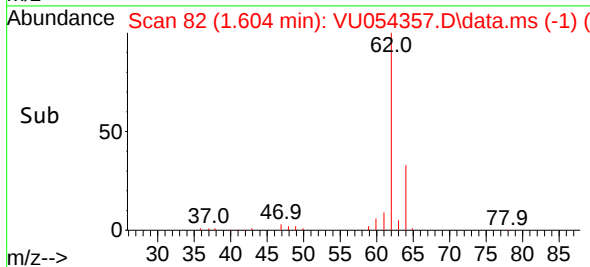
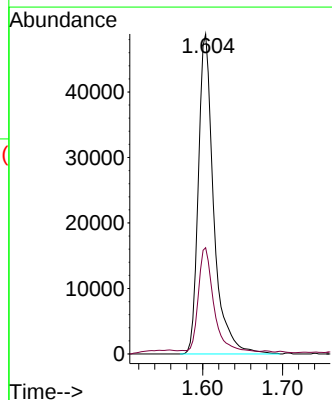
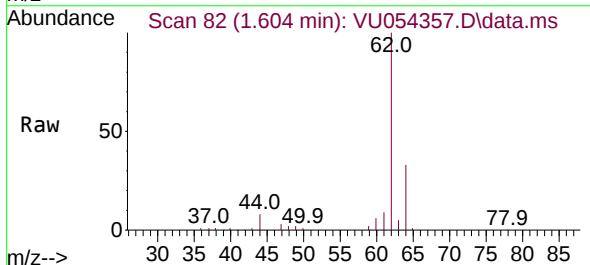
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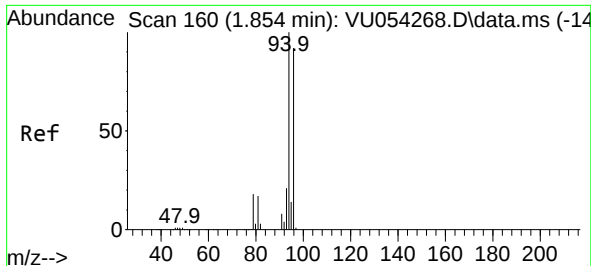
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#4
Vinyl Chloride
Concen: 21.290 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

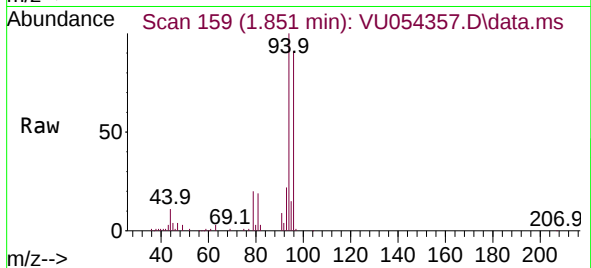
Tgt Ion: 62 Resp: 65287
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9





#5
Bromomethane
Concen: 19.859 ug/l
RT: 1.851 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

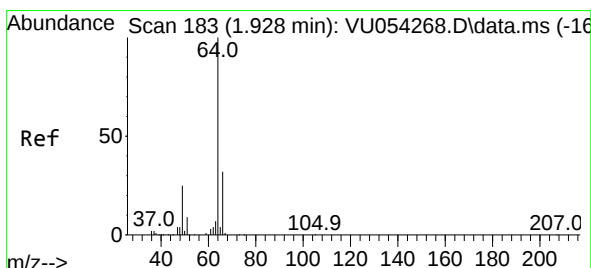
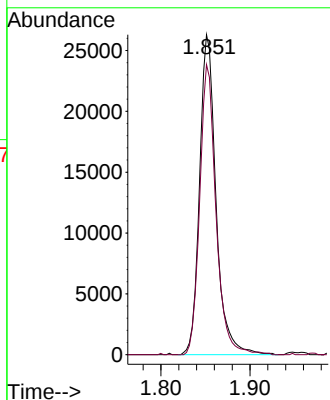
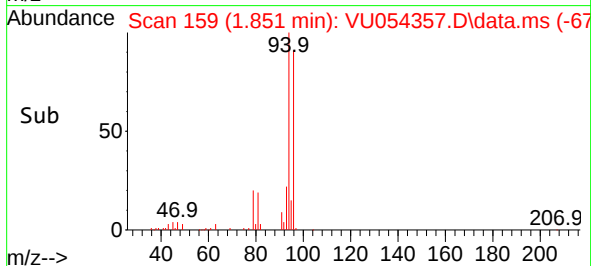
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Tgt Ion: 94 Resp: 33710
Ion Ratio Lower Upper
94 100
96 90.7 73.7 110.5

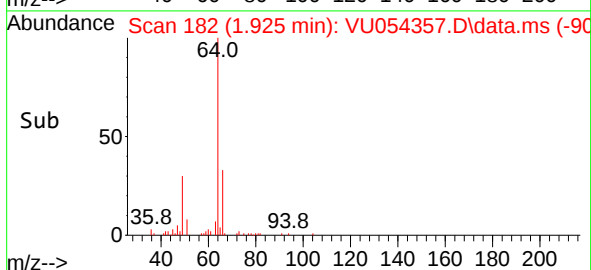
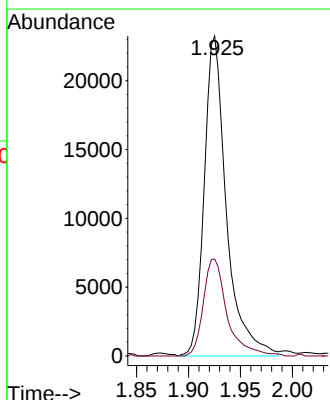
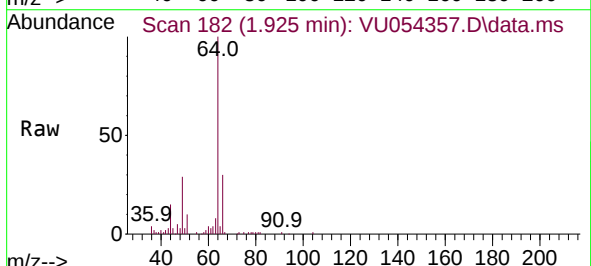
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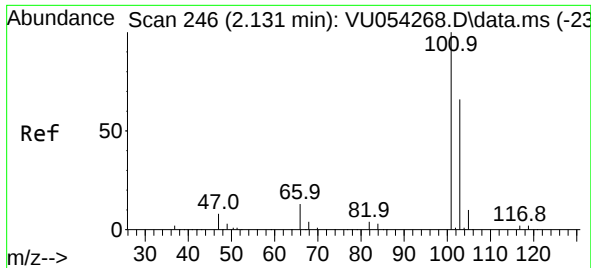
Reviewed By :Krupa Patel 06/01/2023
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#6
Chloroethane
Concen: 23.311 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

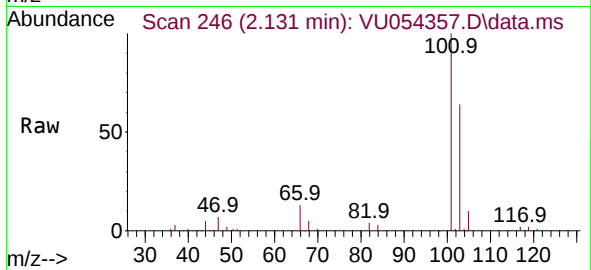
Tgt Ion: 64 Resp: 34473
Ion Ratio Lower Upper
64 100
66 30.3 24.7 37.1





#7
Trichlorofluoromethane
Concen: 19.584 ug/l
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

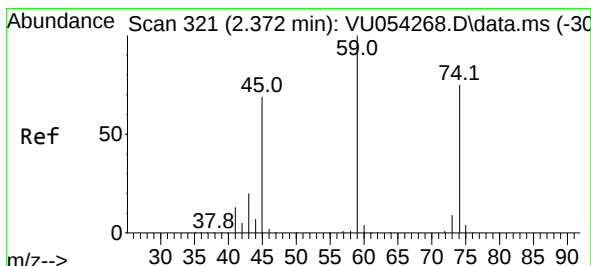
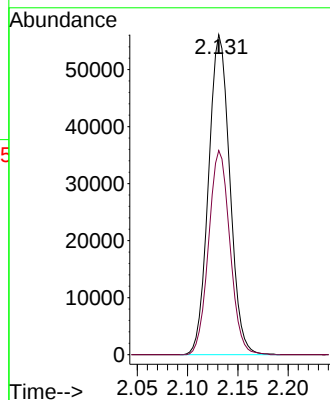
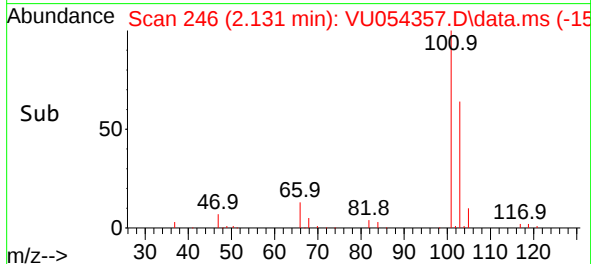
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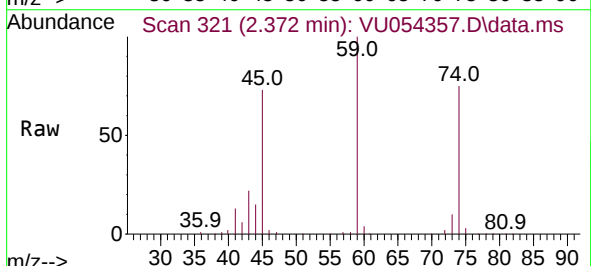
Tgt Ion:101 Resp: 82620
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

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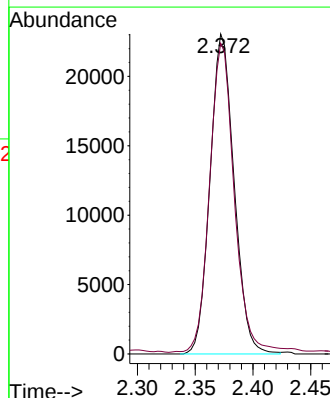
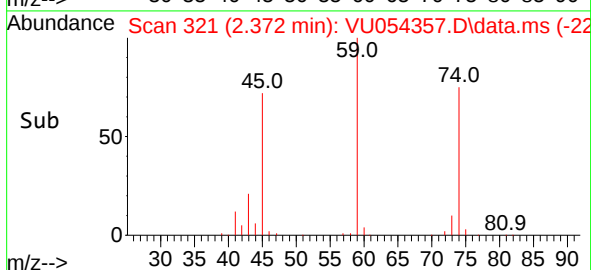
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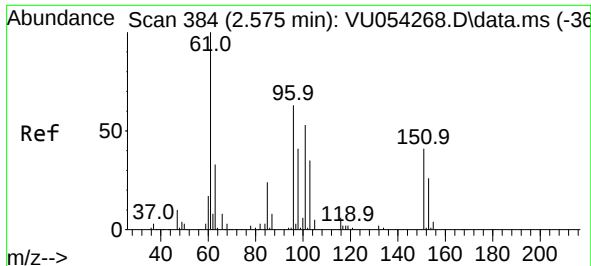


#8
Diethyl Ether
Concen: 21.432 ug/l
RT: 2.372 min Scan# 321
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion: 74 Resp: 33472
Ion Ratio Lower Upper
74 100
45 99.2 44.4 133.2





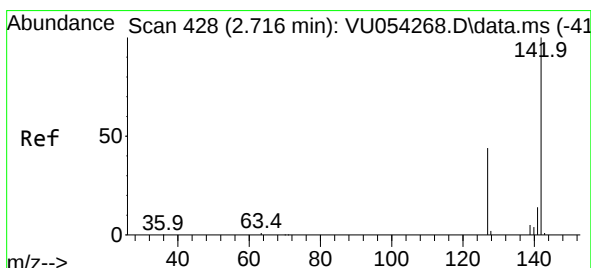
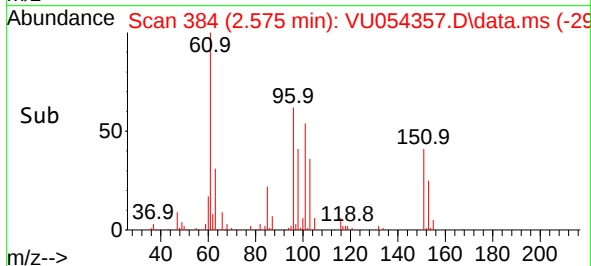
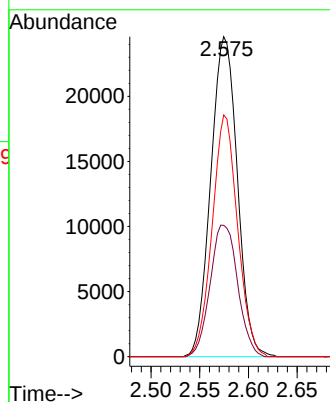
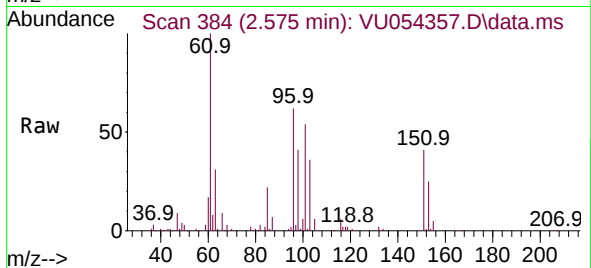
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.400 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion:101 Resp: 4659
Ion Ratio Lower Upper
101 100
85 42.7 33.9 50.9
151 72.2 64.0 96.0

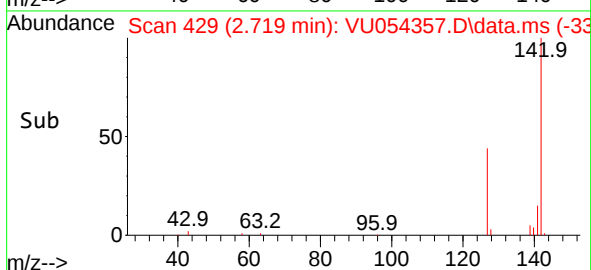
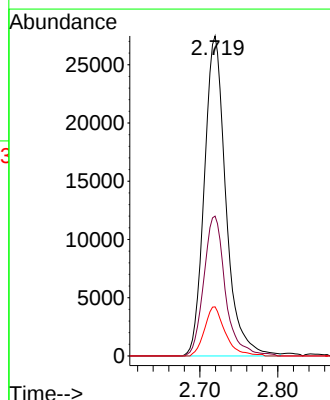
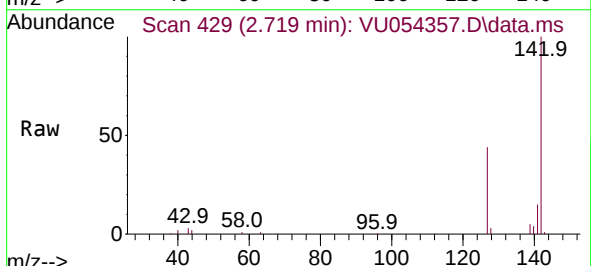
Manual Integrations
APPROVED

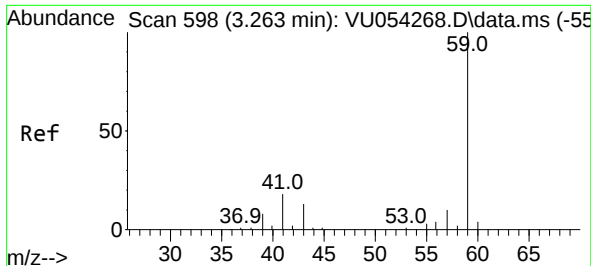
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#10
Methyl Iodide
Concen: 20.718 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

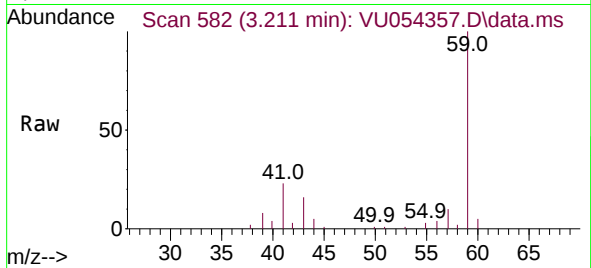
Tgt Ion:142 Resp: 52768
Ion Ratio Lower Upper
142 100
127 43.9 32.5 48.7
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 105.305 ug/l m
RT: 3.211 min Scan# 59
Delta R.T. -0.032 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

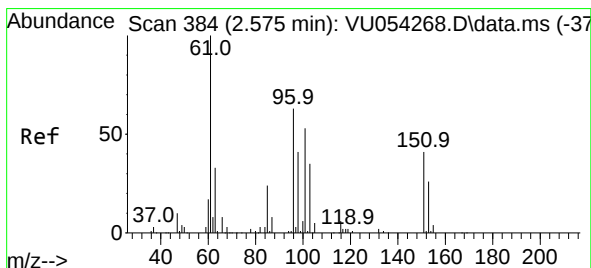
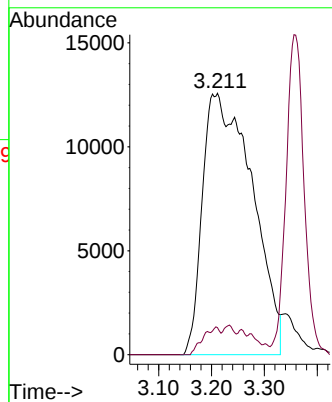
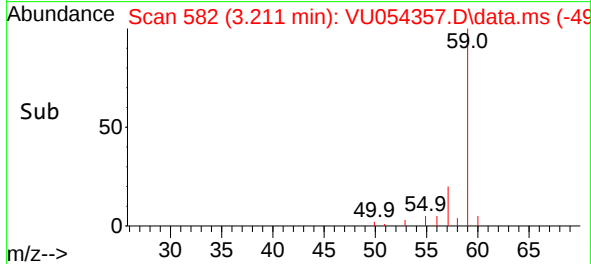
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



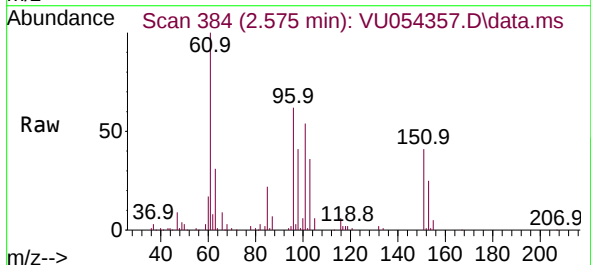
Tgt Ion: 59 Resp: 8198
Ion Ratio Lower Upper
59 100
57 2.0 30.6 45.8

Manual Integrations
APPROVED

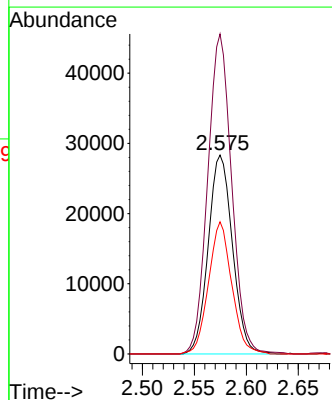
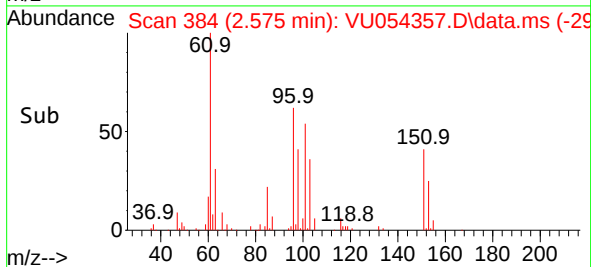
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

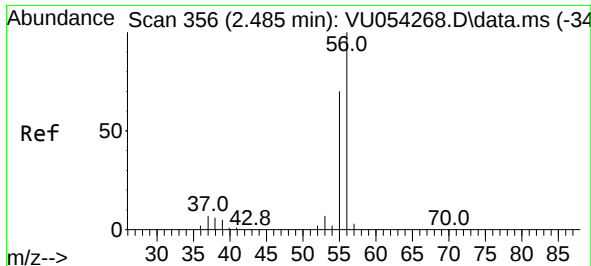


#12
1,1-Dichloroethene
Concen: 19.444 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



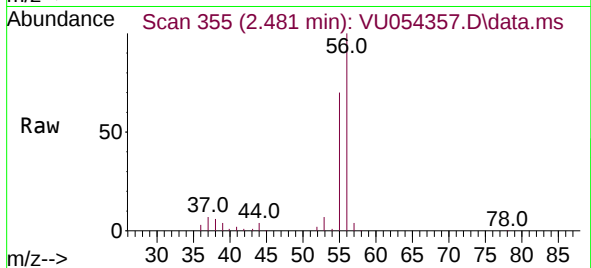
Tgt Ion: 96 Resp: 45986
Ion Ratio Lower Upper
96 100
61 160.9 122.2 183.2
98 66.5 50.7 76.1





#13
Acrolein
Concen: 77.932 ug/l
RT: 2.481 min Scan# 355
Delta R.T. -0.004 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

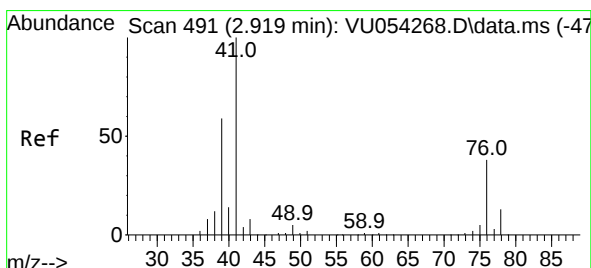
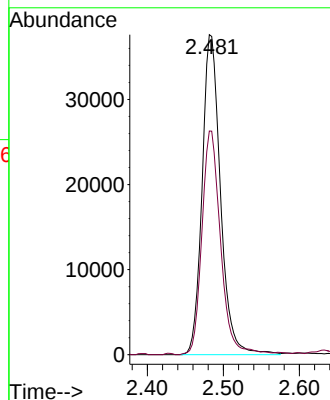
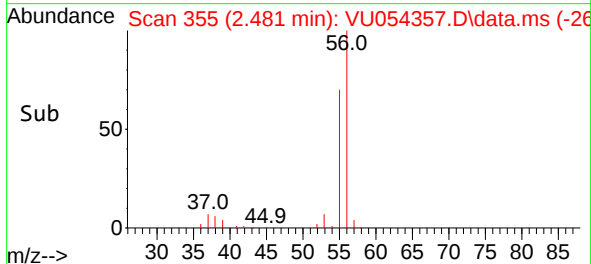
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion: 56 Resp: 6312
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

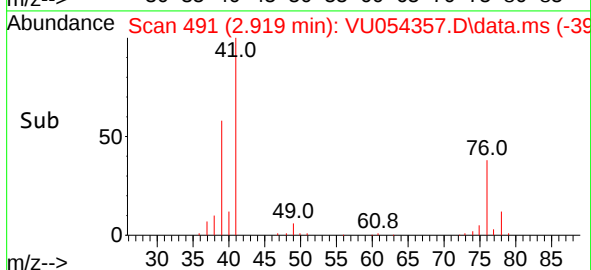
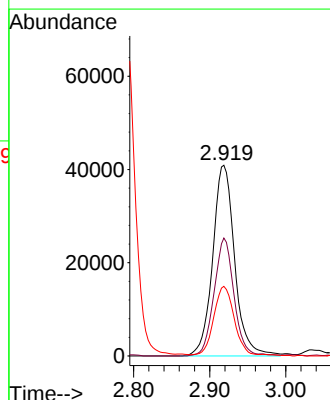
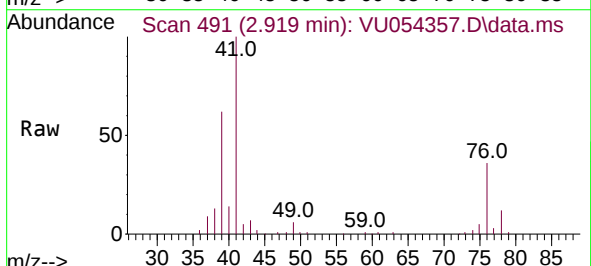
Manual Integrations
APPROVED

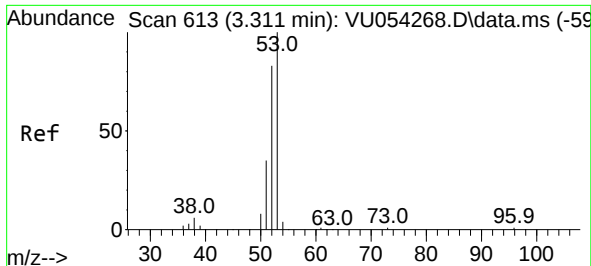
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 20.060 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

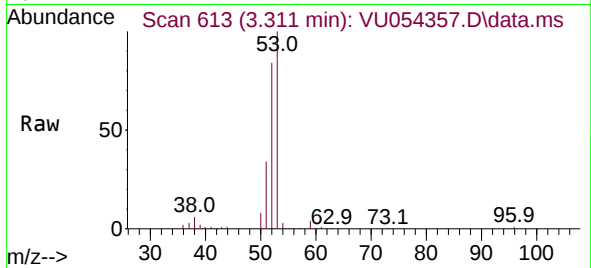
Tgt Ion: 41 Resp: 82258
Ion Ratio Lower Upper
41 100
39 56.2 53.4 80.2
76 32.3 33.8 50.6





#15
Acrylonitrile
Concen: 107.578 ug/l
RT: 3.311 min Scan# 613
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

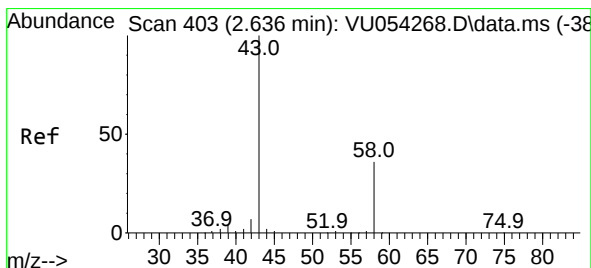
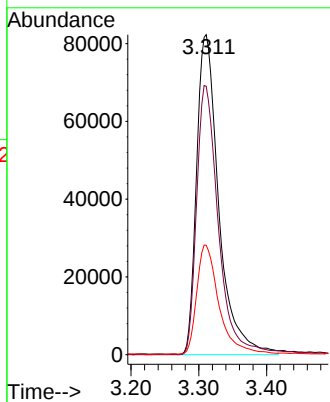
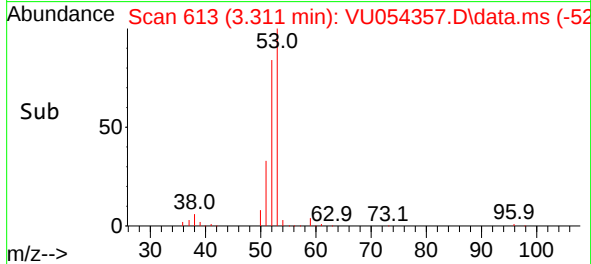
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



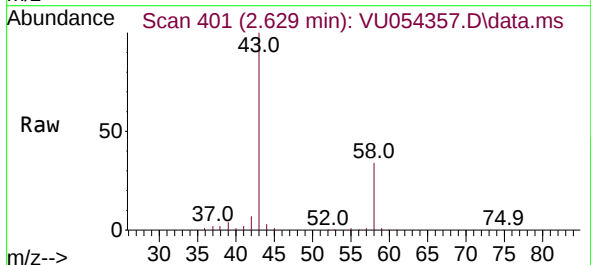
Tgt Ion: 53 Resp: 187790
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 33.8 28.2 42.4

Manual Integrations
APPROVED

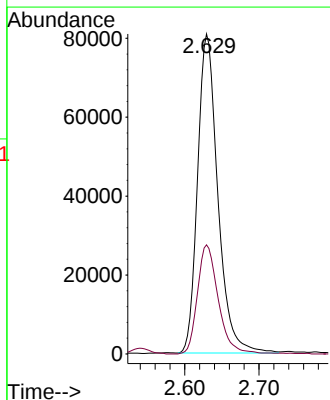
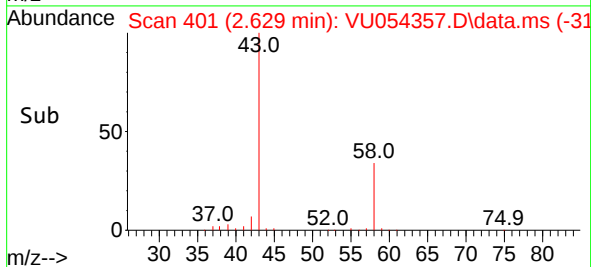
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

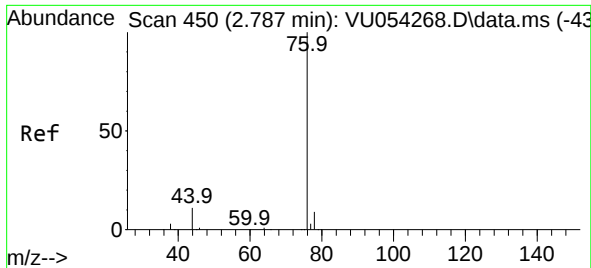


#16
Acetone
Concen: 92.940 ug/l
RT: 2.629 min Scan# 401
Delta R.T. -0.007 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



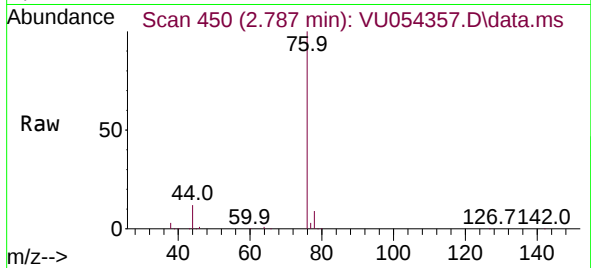
Tgt Ion: 43 Resp: 153552
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3





#17
Carbon Disulfide
Concen: 18.854 ug/l
RT: 2.787 min Scan# 450
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

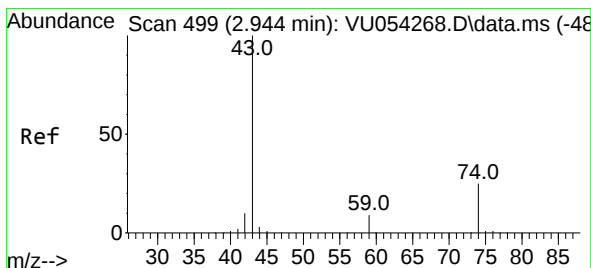
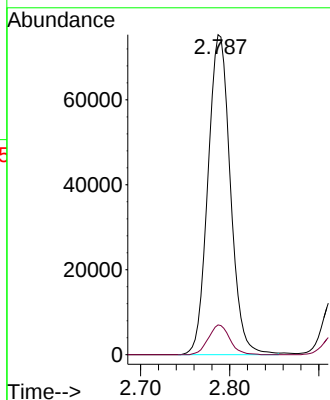
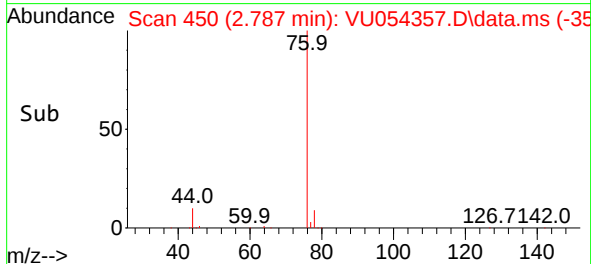
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion: 76 Resp: 13178
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

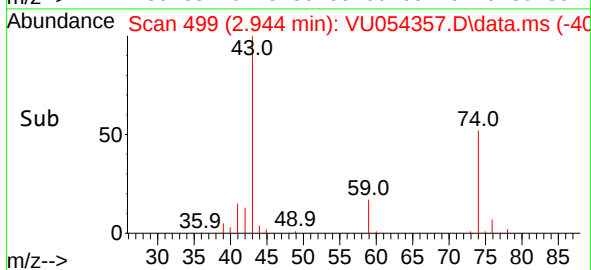
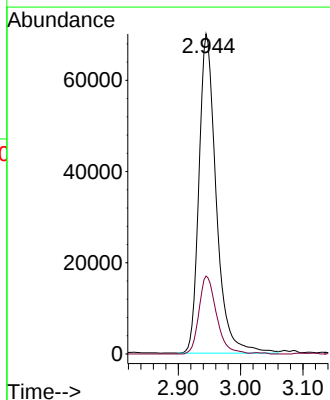
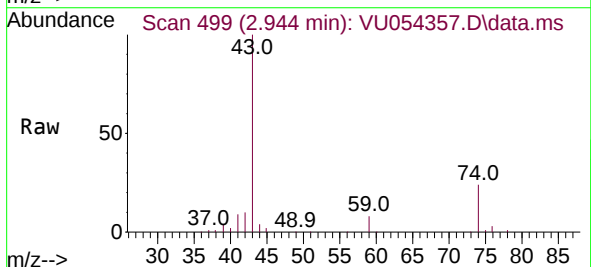
Manual Integrations
APPROVED

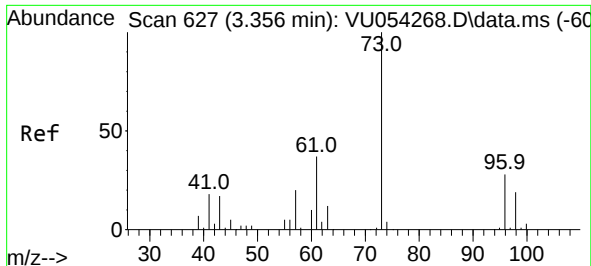
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#18
Methyl Acetate
Concen: 22.338 ug/l
RT: 2.944 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion: 43 Resp: 134753
Ion Ratio Lower Upper
43 100
74 24.8 22.5 33.7





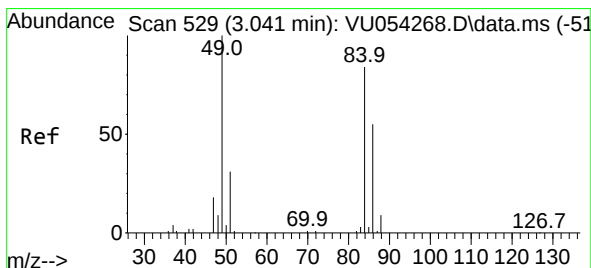
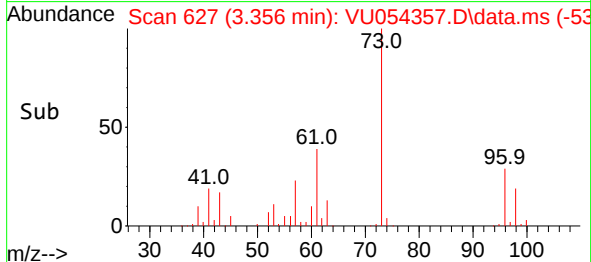
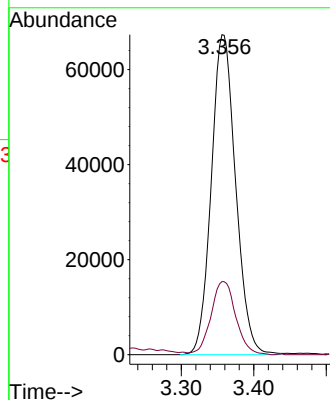
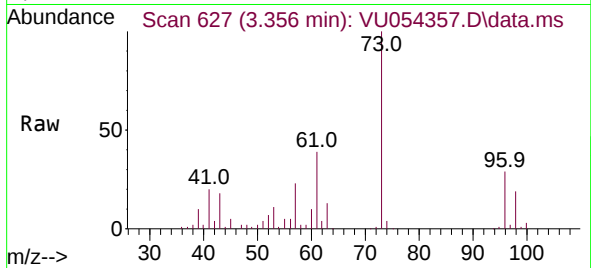
#19
Methyl tert-butyl Ether
Concen: 20.303 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion: 73 Resp: 157179
Ion Ratio Lower Upper
73 100
57 22.7 17.1 25.7

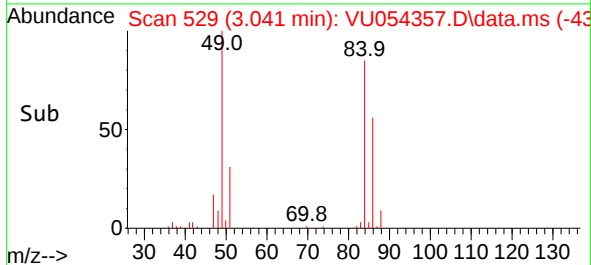
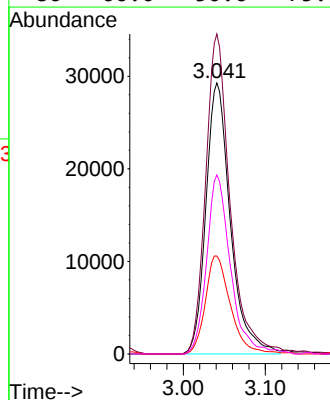
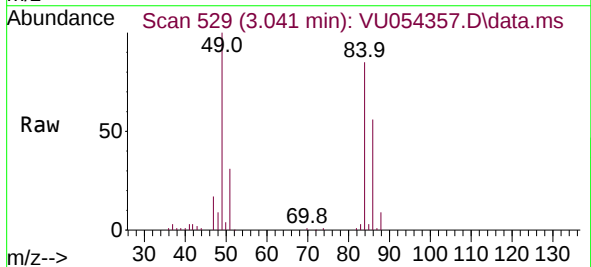
Manual Integrations
APPROVED

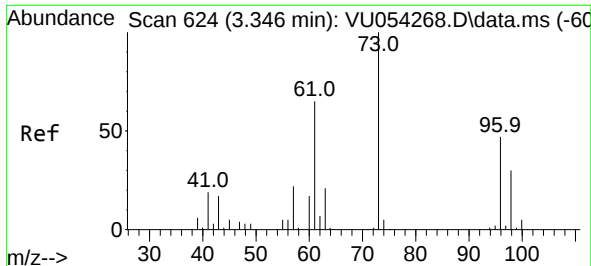
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 20.401 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

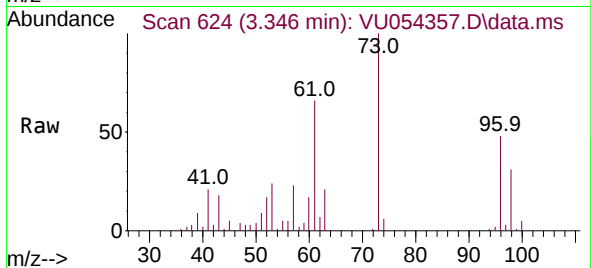
Tgt Ion: 84 Resp: 60808
Ion Ratio Lower Upper
84 100
49 118.1 86.6 129.8
51 36.1 26.6 40.0
86 66.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 19.914 ug/l
RT: 3.346 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

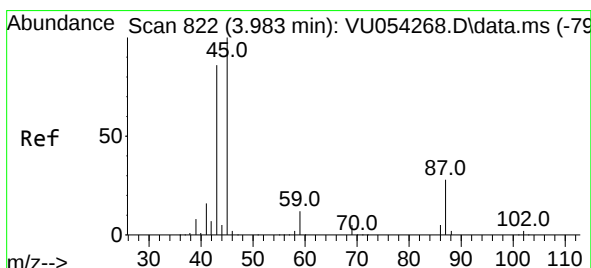
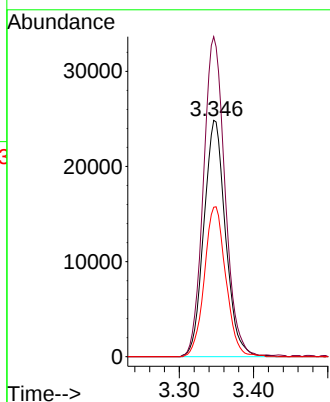
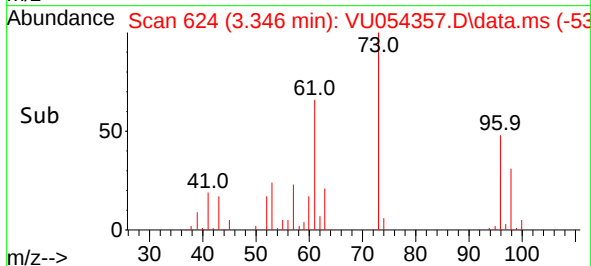
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



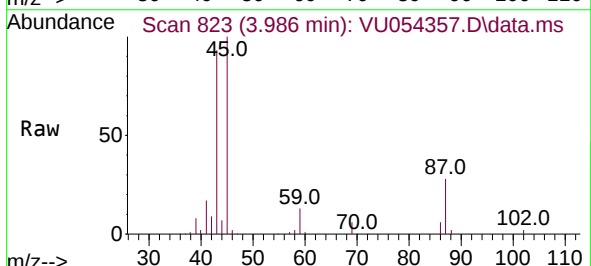
Tgt Ion: 96 Resp: 50423
Ion Ratio Lower Upper
96 100
61 135.4 106.1 159.1
98 63.2 50.8 76.2

Manual Integrations
APPROVED

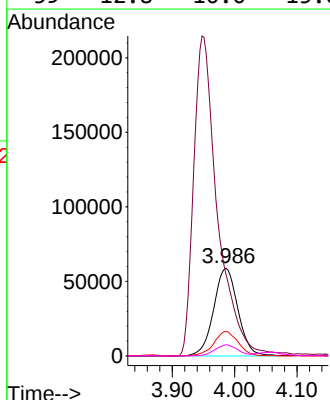
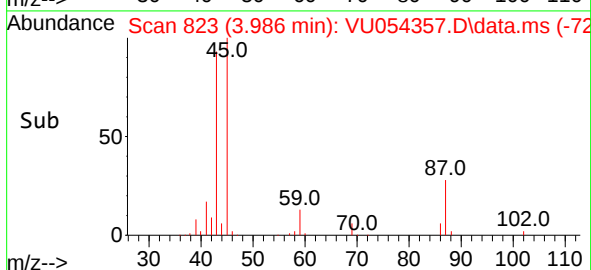
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

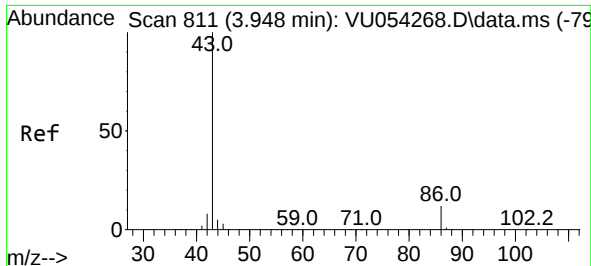


#22
Diisopropyl ether
Concen: 21.860 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



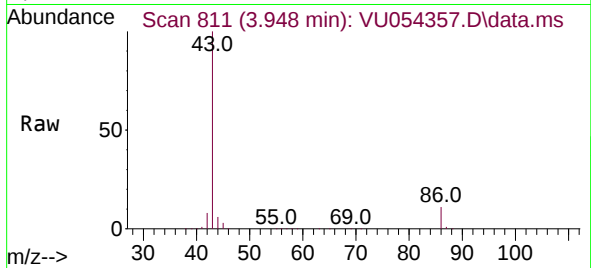
Tgt Ion: 45 Resp: 158879
Ion Ratio Lower Upper
45 100
43 92.7 92.9 139.3#
87 28.2 26.2 39.2
59 12.8 10.0 15.0





#23
 Vinyl Acetate
 Concen: 107.578 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: VU054357.D
 Acq: 31 May 2023 23:20

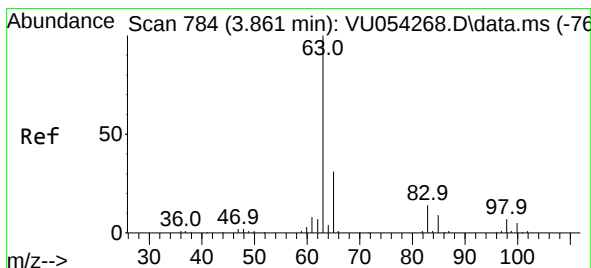
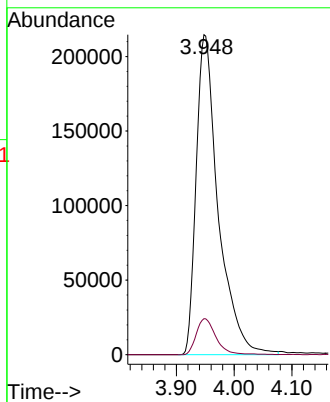
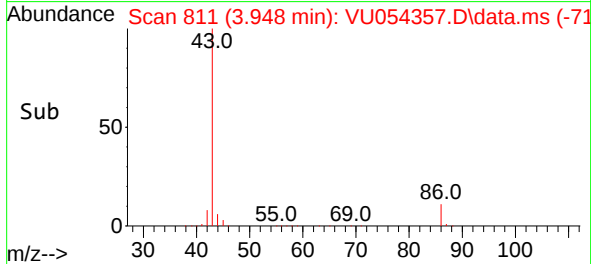
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02



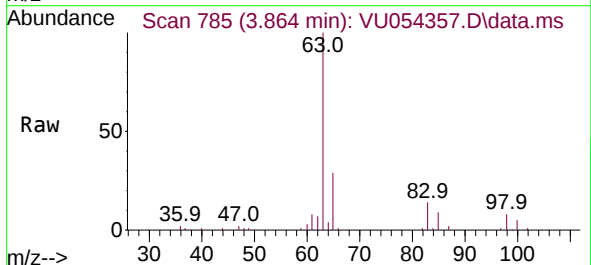
Tgt Ion: 43 Resp: 570539
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.8 14.8

Manual Integrations
 APPROVED

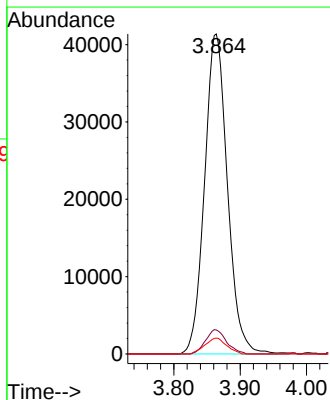
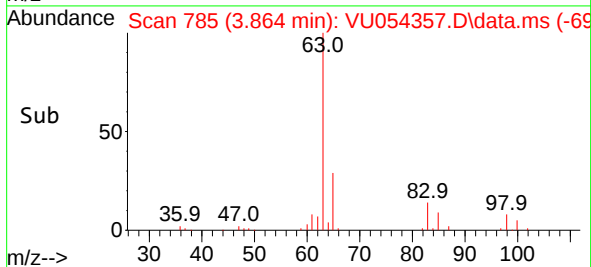
Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

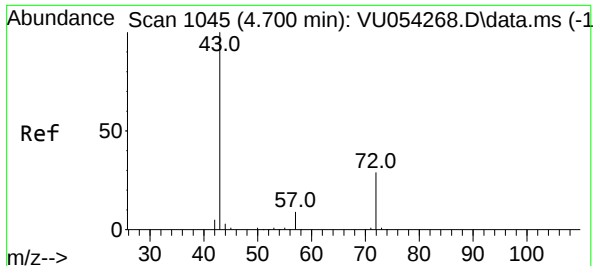


#24
 1,1-Dichloroethane
 Concen: 21.286 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. 0.003 min
 Lab File: VU054357.D
 Acq: 31 May 2023 23:20



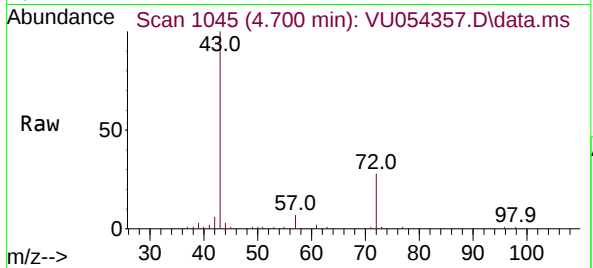
Tgt Ion: 63 Resp: 99063
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 5.0 2.4 7.2





#25
2-Butanone
Concen: 108.139 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

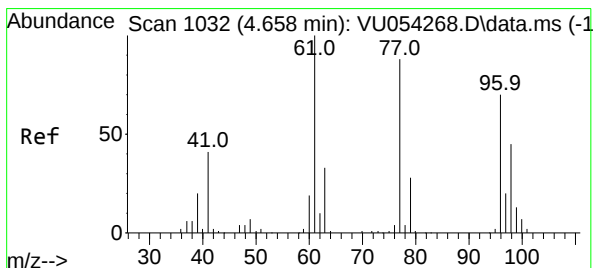
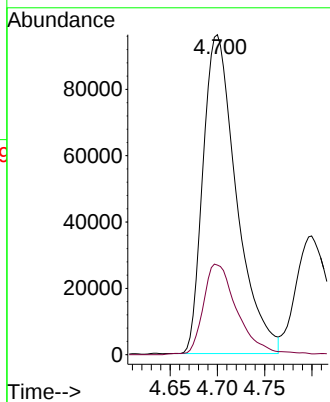
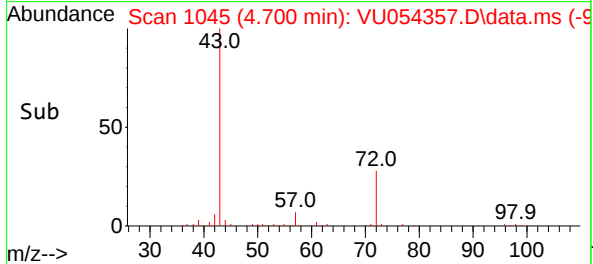
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion: 43 Resp: 236550
Ion Ratio Lower Upper
43 100
72 27.7 23.8 35.6

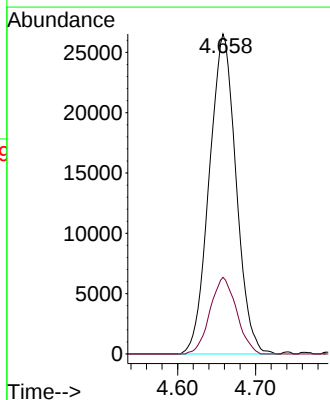
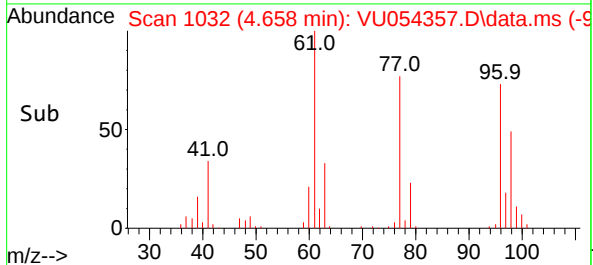
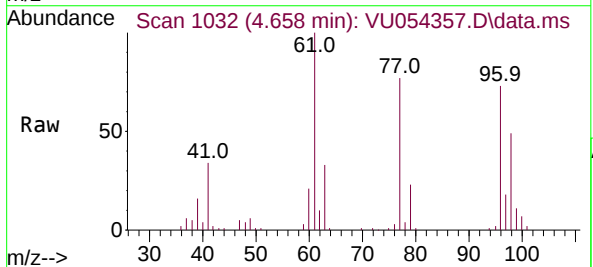
Manual Integrations
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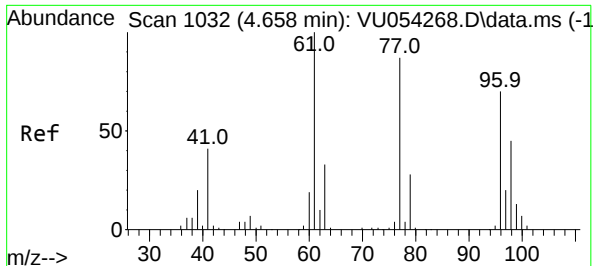
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#26
2,2-Dichloropropane
Concen: 15.614 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

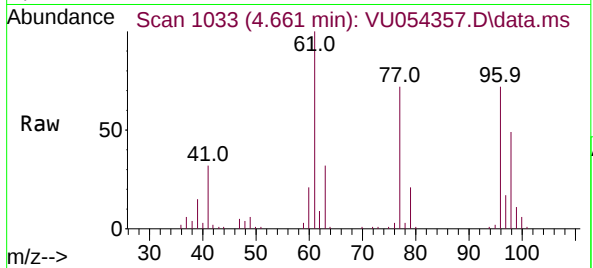
Tgt Ion: 77 Resp: 63504
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.666 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

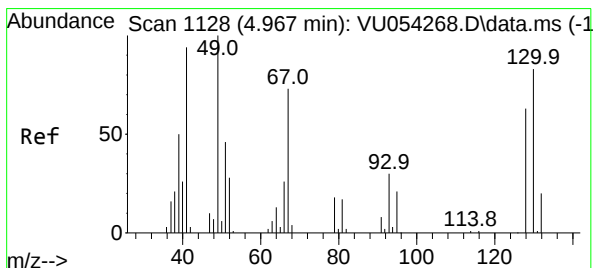
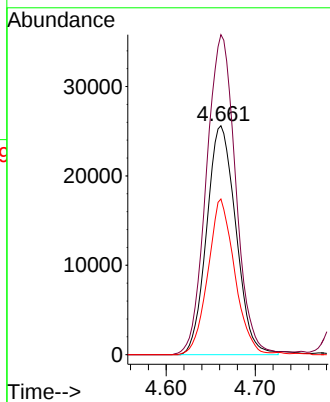
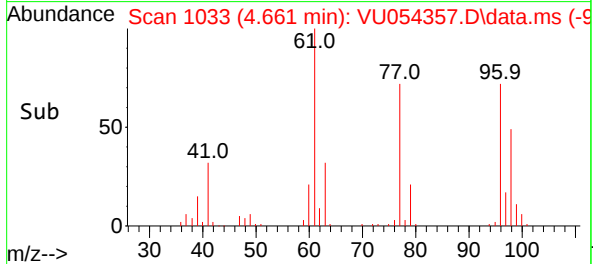
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion: 96 Resp: 5821
Ion Ratio Lower Upper
96 100
61 140.9 0.0 271.6
98 62.6 0.0 128.2

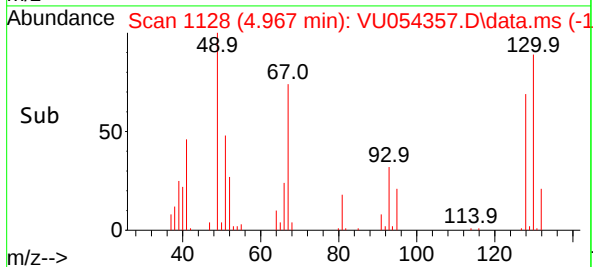
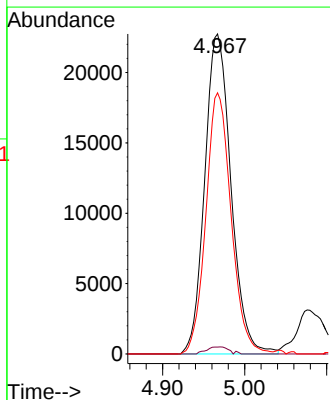
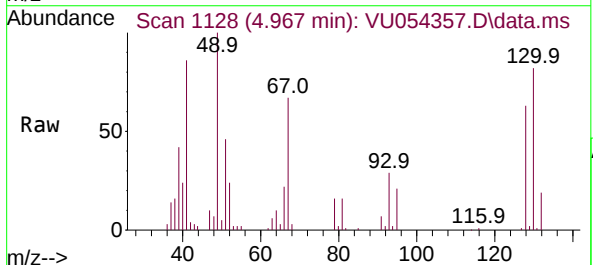
Manual Integrations
APPROVED

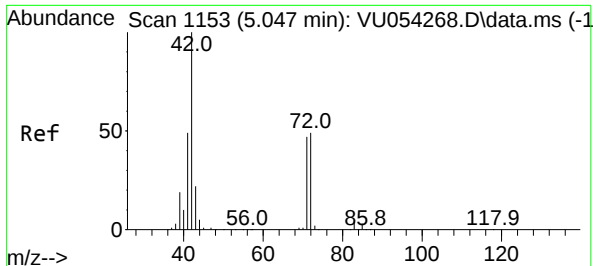
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#28
Bromochloromethane
Concen: 23.551 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion: 49 Resp: 50719
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 78.4 76.9 115.3





#29

Tetrahydrofuran

Concen: 112.238 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 42 Resp: 154320

Ion Ratio Lower Upper

42 100

72 48.1 42.6 63.8

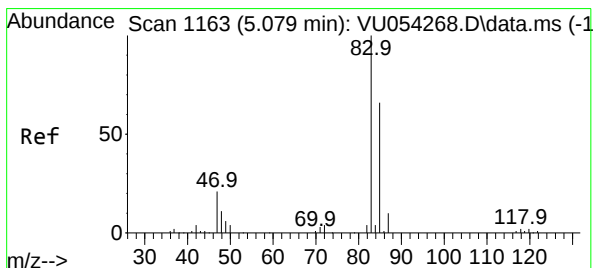
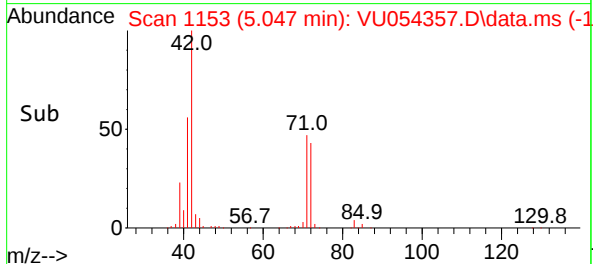
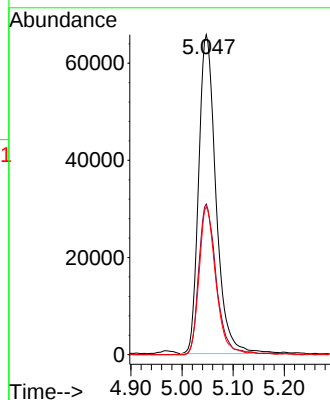
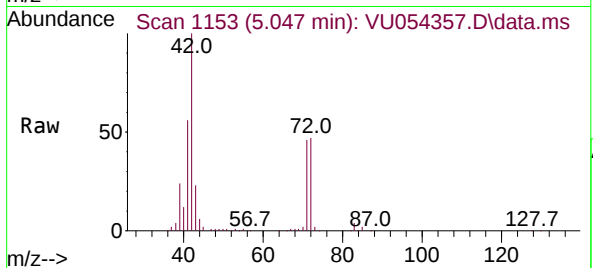
71 44.9 40.3 60.5

Manual Integrations

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Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#30

Chloroform

Concen: 20.396 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VU054357.D

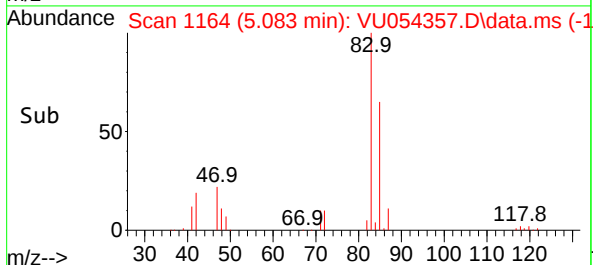
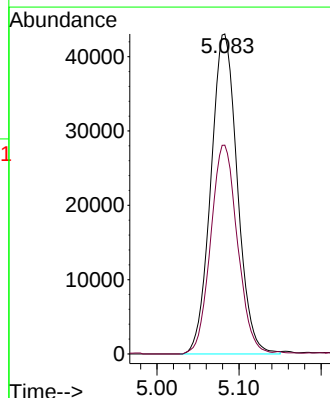
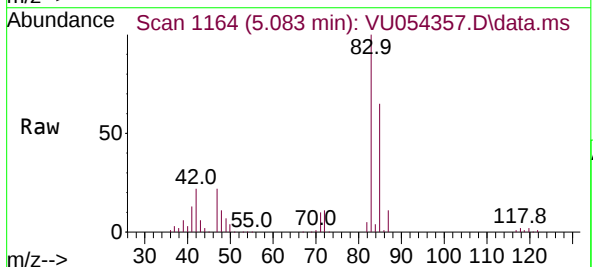
Acq: 31 May 2023 23:20

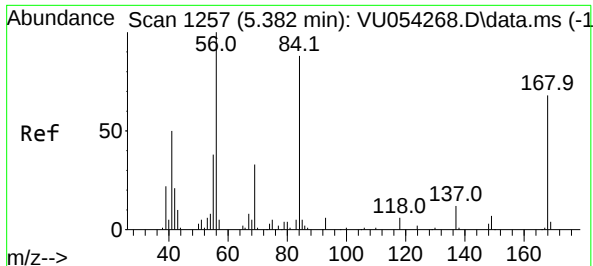
Tgt Ion: 83 Resp: 96492

Ion Ratio Lower Upper

83 100

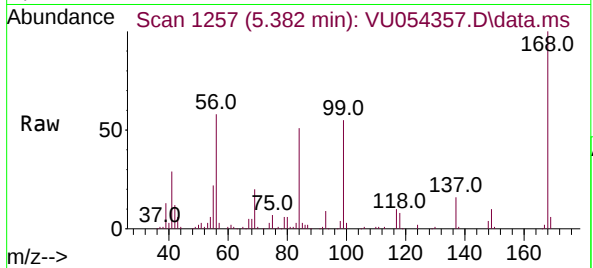
85 65.2 51.2 76.8





#31
Cyclohexane
Concen: 20.274 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

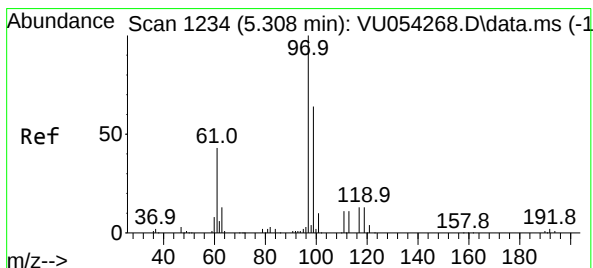
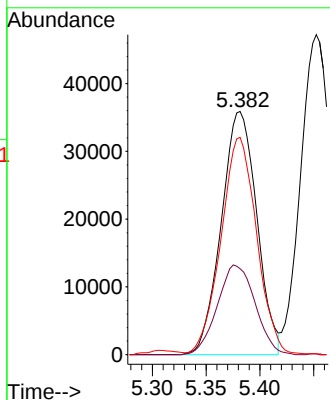
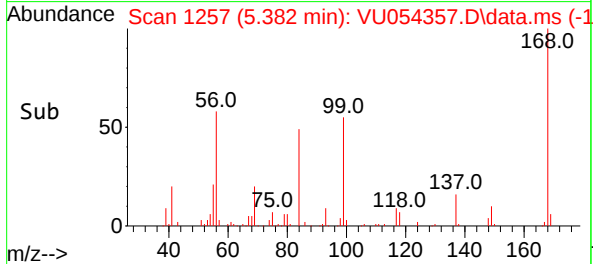
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion: 56 Resp: 8251
Ion Ratio Lower Upper
56 100
69 35.3 27.8 41.8
84 88.2 74.2 111.4

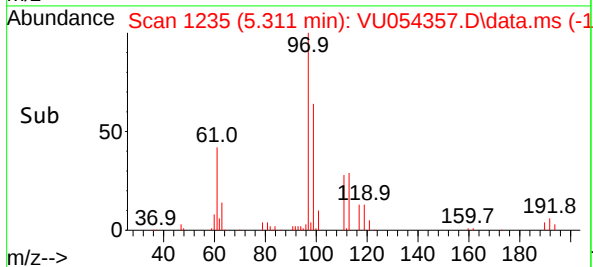
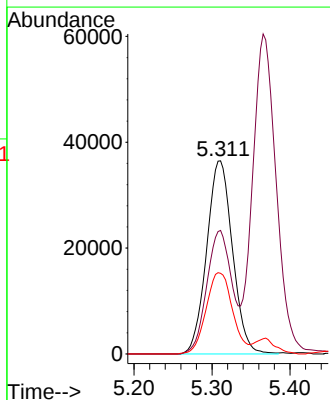
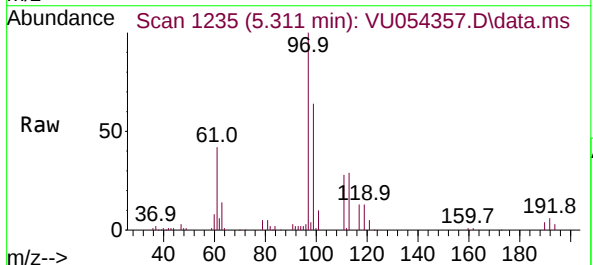
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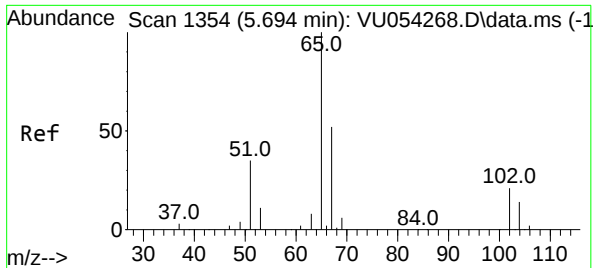
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.485 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion: 97 Resp: 84136
Ion Ratio Lower Upper
97 100
99 62.5 51.8 77.6
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.172 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 65 Resp: 15325

Ion Ratio Lower Upper

65 100

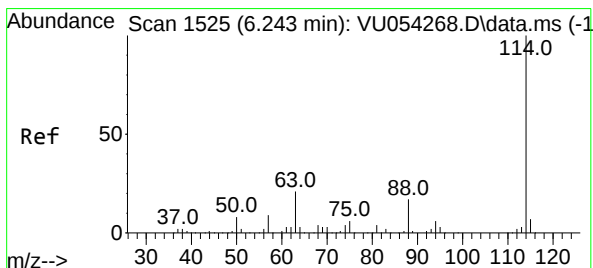
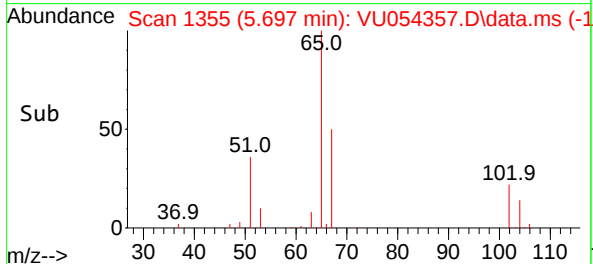
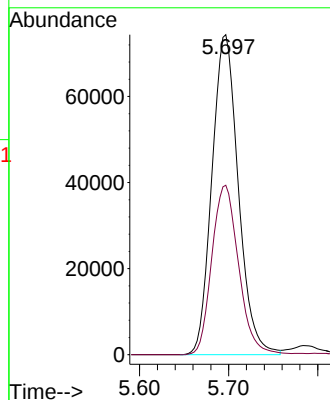
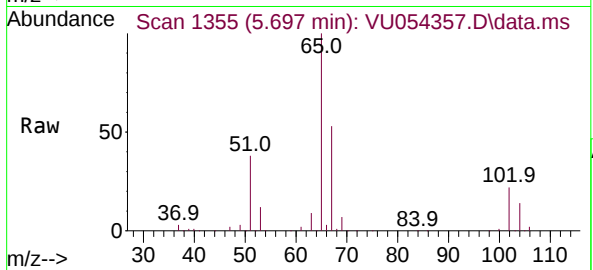
67 53.7 0.0 108.0

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Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

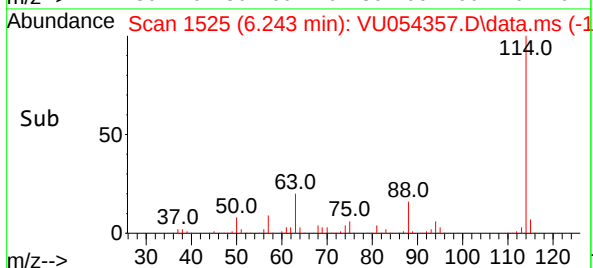
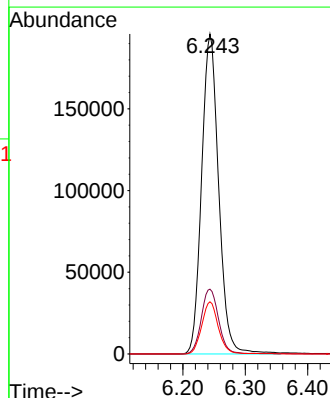
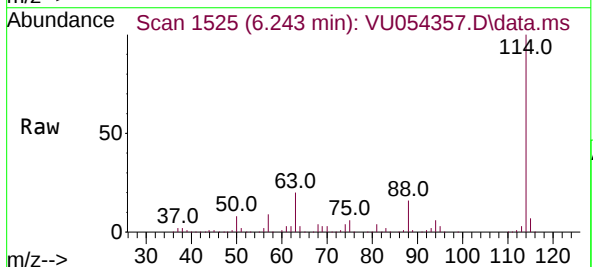
Tgt Ion:114 Resp: 372361

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.8

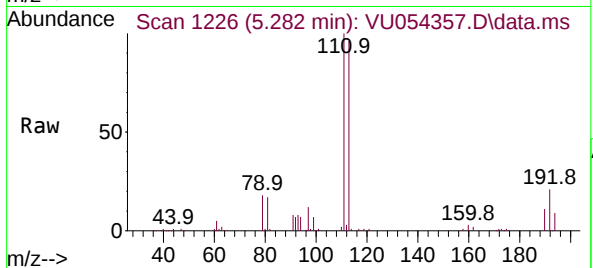
88 16.3 0.0 29.2





#35
Dibromofluoromethane
Concen: 51.977 ug/l
RT: 5.282 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

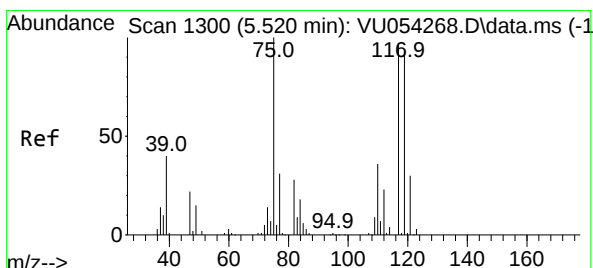
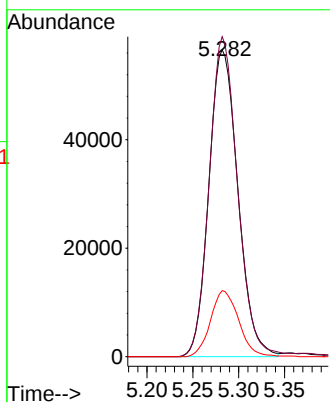
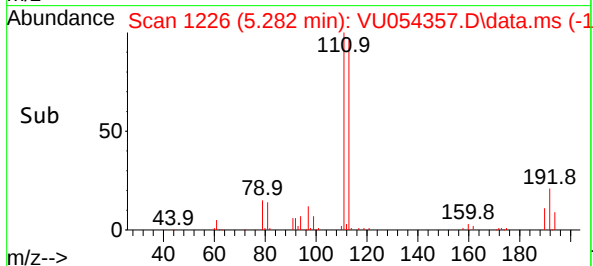
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



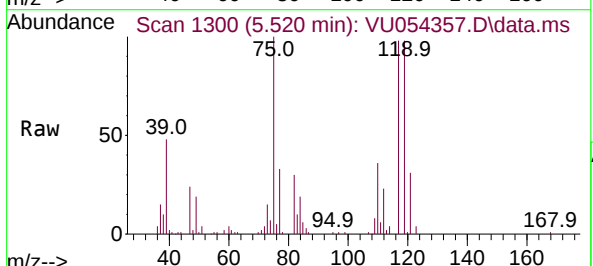
Tgt Ion:113 Resp: 124630
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 20.9 18.0 27.0

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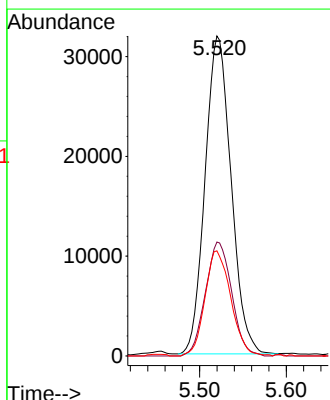
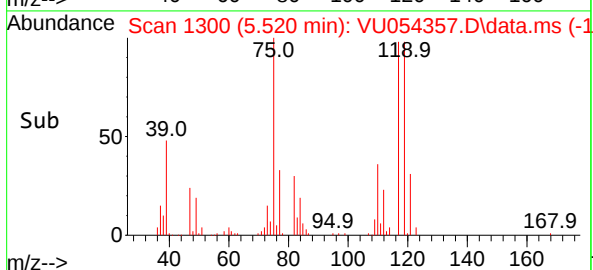
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

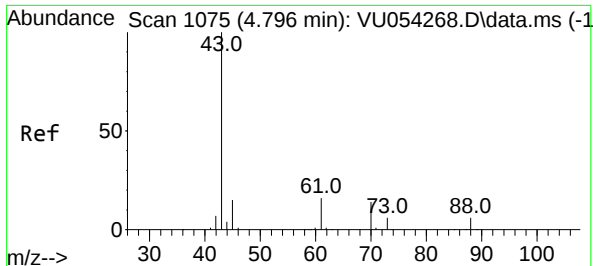


#36
1,1-Dichloropropene
Concen: 17.664 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion: 75 Resp: 66528
Ion Ratio Lower Upper
75 100
110 36.1 18.4 55.2
77 32.9 25.1 37.7





#37

Ethyl Acetate

Concen: 18.287 ug/l

RT: 4.800 min Scan# 1075

Delta R.T. 0.004 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 43 Resp: 83940

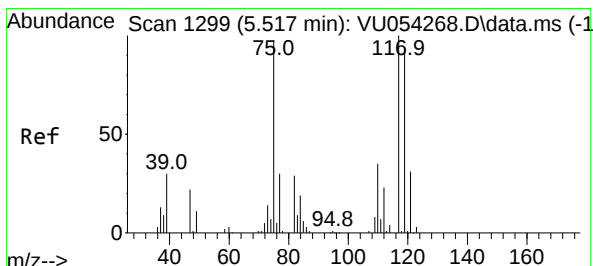
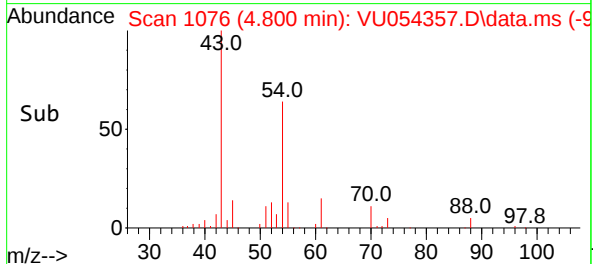
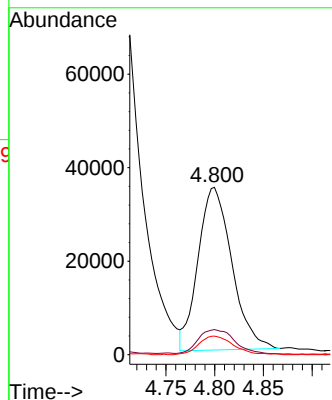
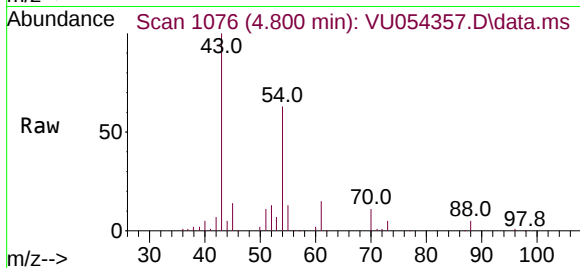
Ion	Ratio	Lower	Upper
43	100		
61	16.8	9.5	14.3
70	11.7	7.5	11.3

Manual Integrations

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Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#38

Carbon Tetrachloride

Concen: 18.280 ug/l

RT: 5.517 min Scan# 1299

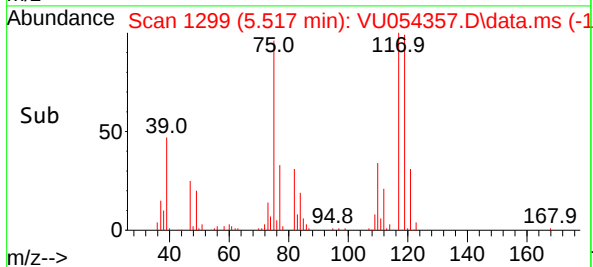
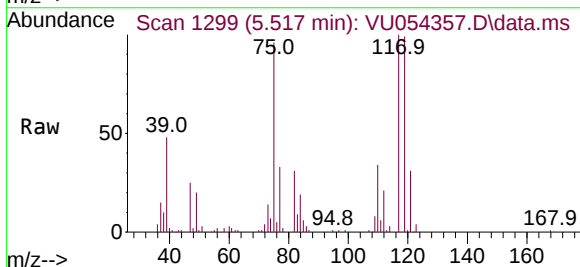
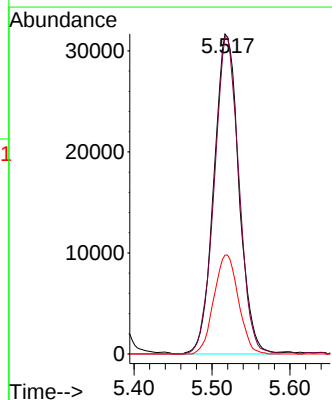
Delta R.T. -0.000 min

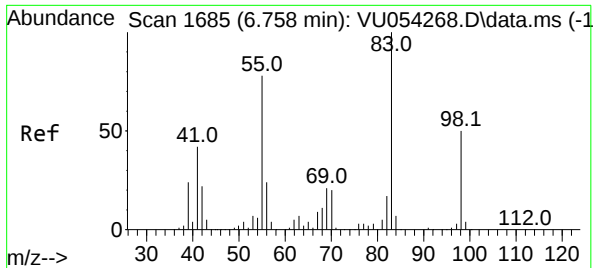
Lab File: VU054357.D

Acq: 31 May 2023 23:20

Tgt Ion:117 Resp: 70468

Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.8	115.2
121	30.9	24.7	37.1





#39

Methylcyclohexane

Concen: 17.809 ug/l

RT: 6.755 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 83 Resp: 7597

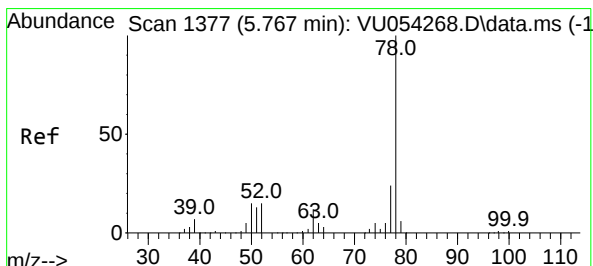
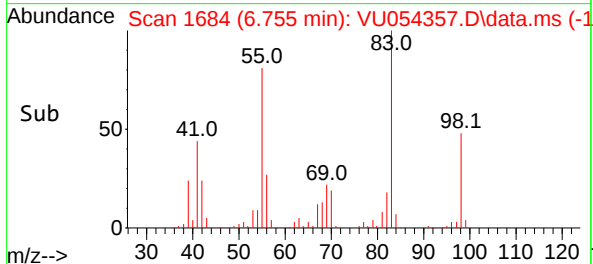
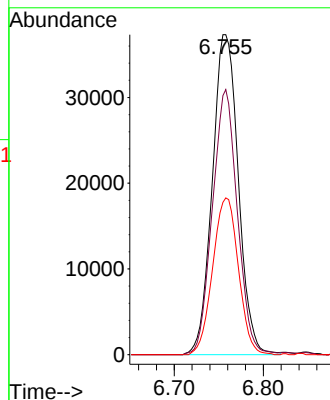
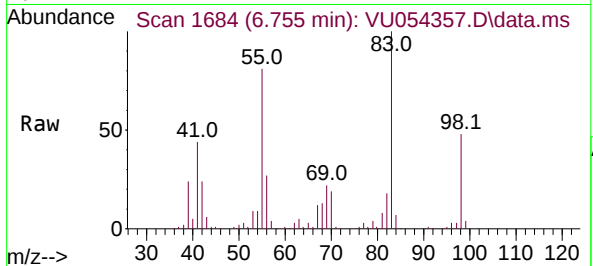
Ion	Ratio	Lower	Upper
83	100		
55	80.9	55.3	82.9
98	47.6	37.3	55.9

Manual Integrations

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Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#40

Benzene

Concen: 19.975 ug/l

RT: 5.767 min Scan# 1377

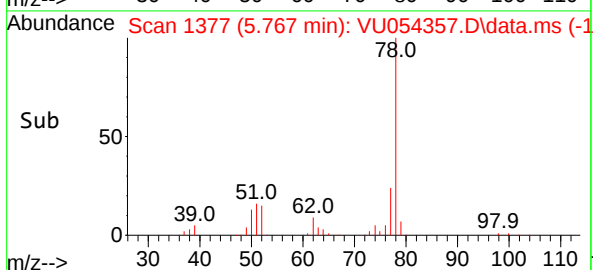
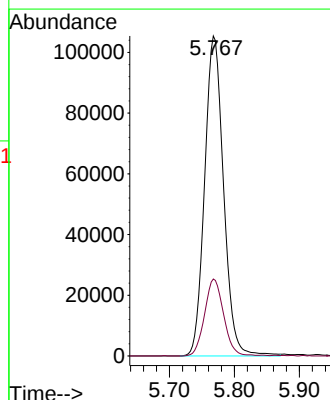
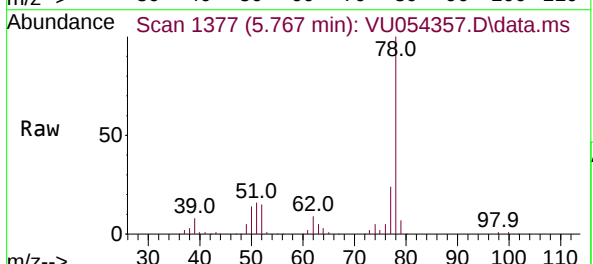
Delta R.T. 0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Tgt Ion: 78 Resp: 214598

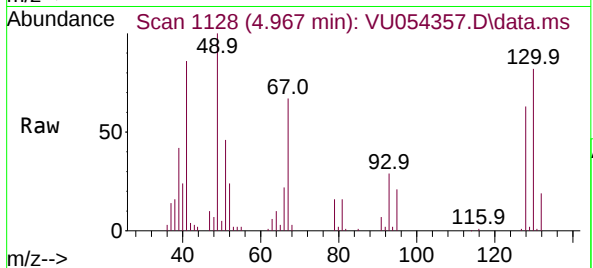
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





#41
Methacrylonitrile
Concen: 20.915 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

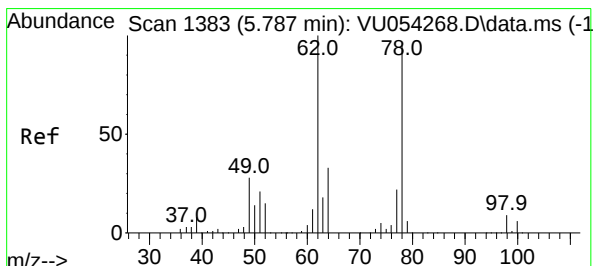
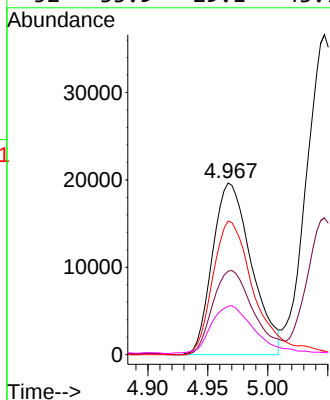
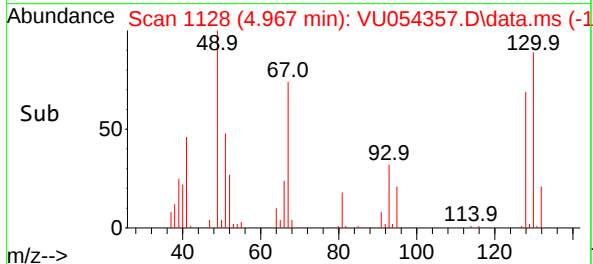
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



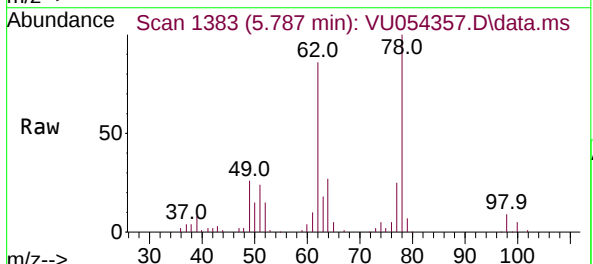
Tgt Ion: 41 Resp: 44368
Ion Ratio Lower Upper
41 100
39 52.2 43.1 64.7
67 82.9 72.3 108.5
52 33.9 29.1 43.7

Manual Integrations
APPROVED

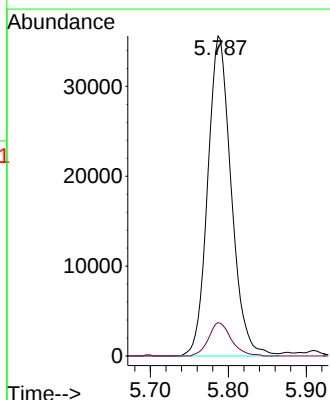
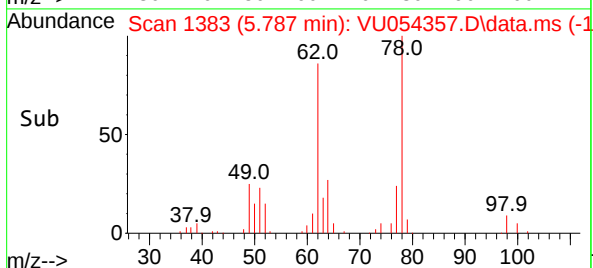
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#42
1,2-Dichloroethane
Concen: 19.132 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion: 62 Resp: 74666
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.6





#43

Isopropyl Acetate

Concen: 19.867 ug/l

RT: 5.906 min Scan# 1419

Delta R.T. 0.003 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

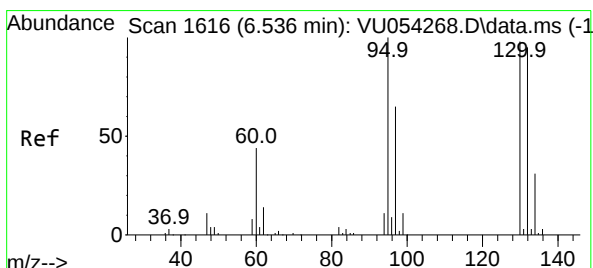
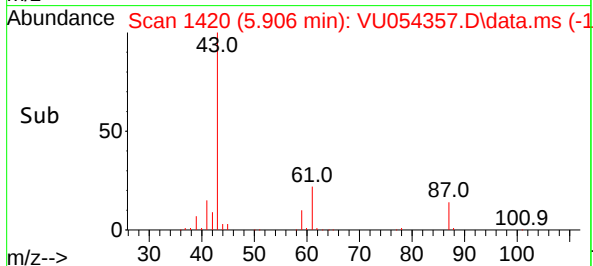
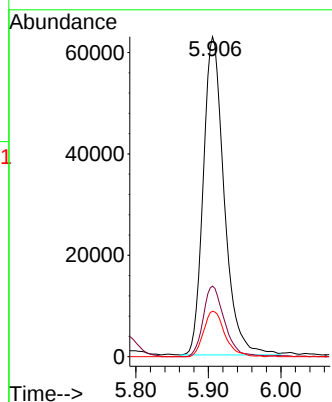
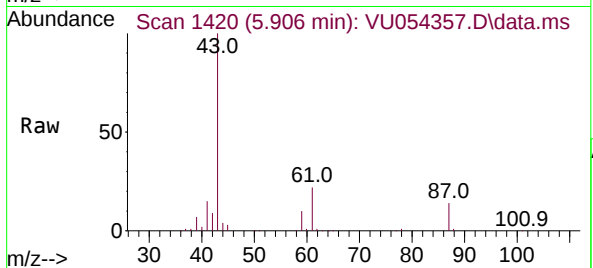
Tgt Ion: 43	Resp: 12578
Ion Ratio	Lower Upper
43	100
61	22.6 17.4 26.0
87	14.4 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#44

Trichloroethene

Concen: 18.460 ug/l

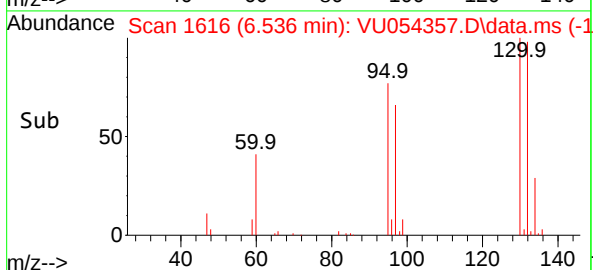
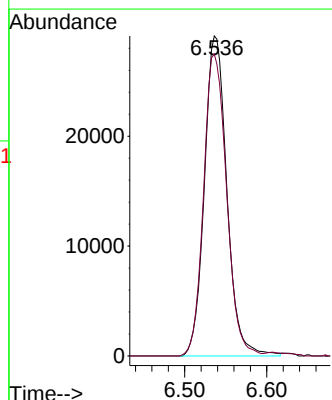
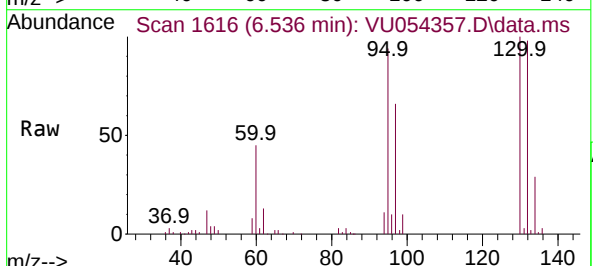
RT: 6.536 min Scan# 1616

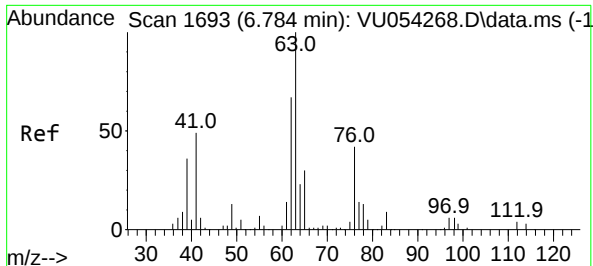
Delta R.T. -0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Tgt Ion:130	Resp: 55436
Ion Ratio	Lower Upper
130	100
95	94.4 0.0 184.6





#45

1,2-Dichloropropane

Concen: 20.131 ug/l

RT: 6.783 min Scan# 1

Delta R.T. -0.001 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 63 Resp: 56418

Ion Ratio Lower Upper

63 100

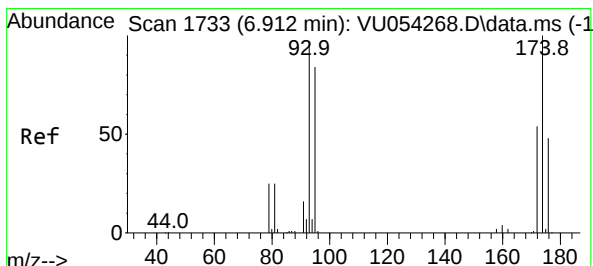
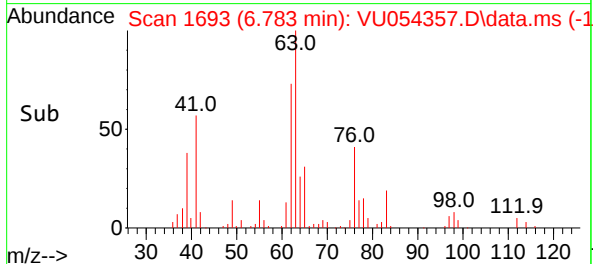
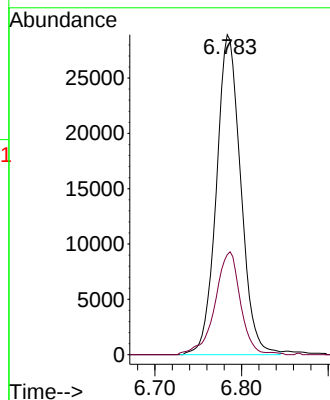
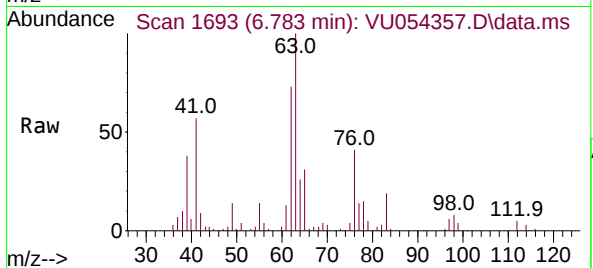
65 30.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#46

Dibromomethane

Concen: 19.374 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

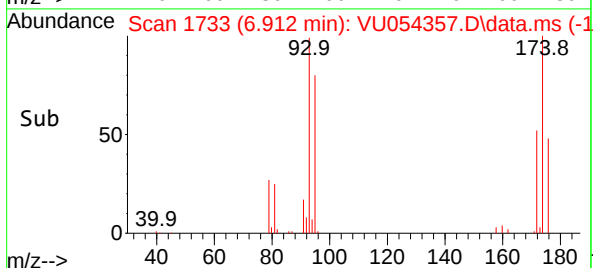
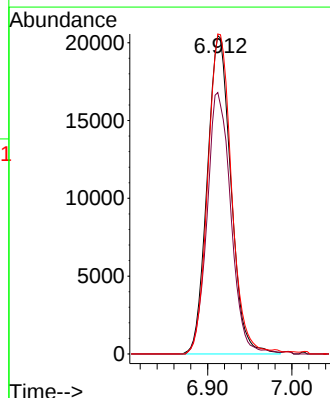
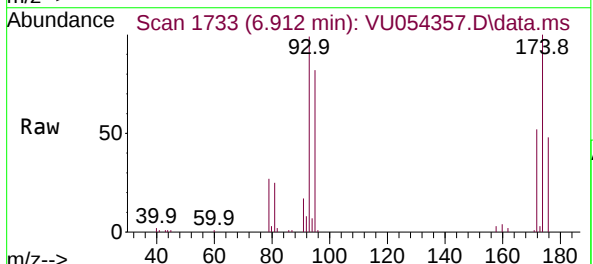
Tgt Ion: 93 Resp: 39967

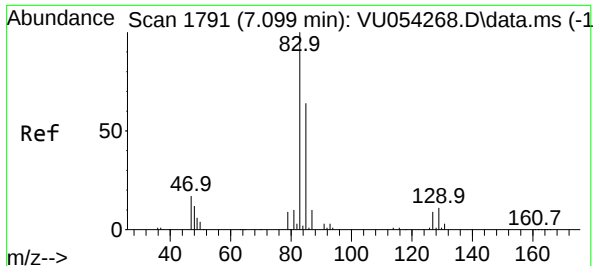
Ion Ratio Lower Upper

93 100

95 82.3 66.3 99.5

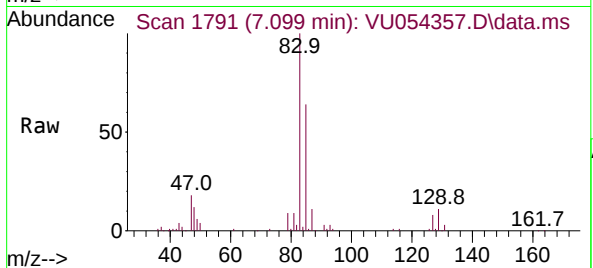
174 100.8 88.2 132.4





#47
Bromodichloromethane
Concen: 19.679 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

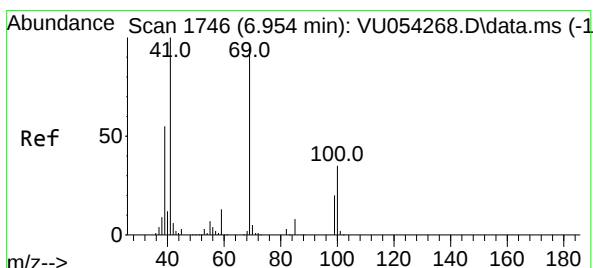
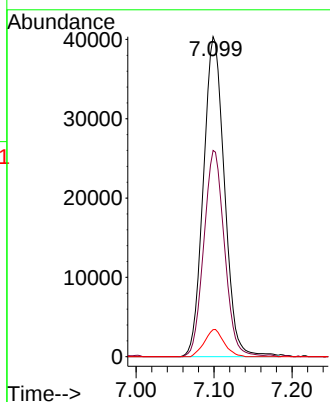
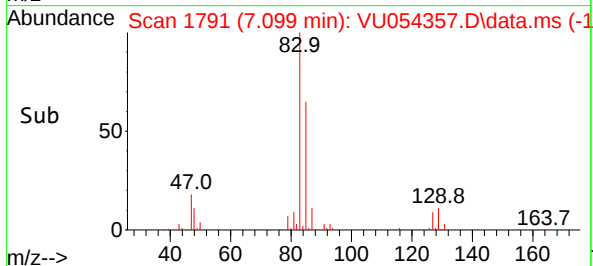
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



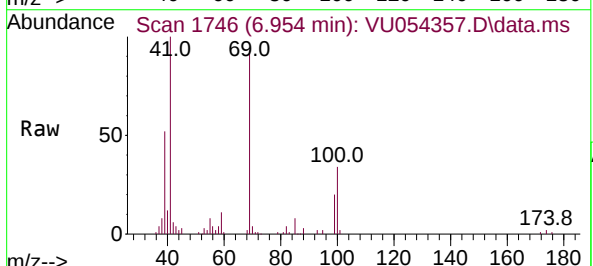
Tgt Ion: 83 Resp: 7592
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2
127 8.5 7.1 10.7

Manual Integrations
APPROVED

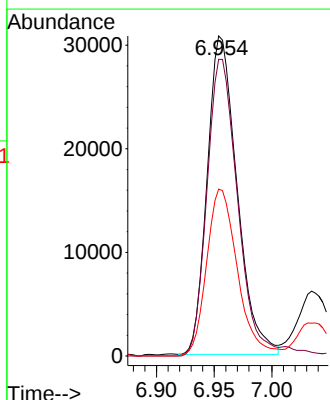
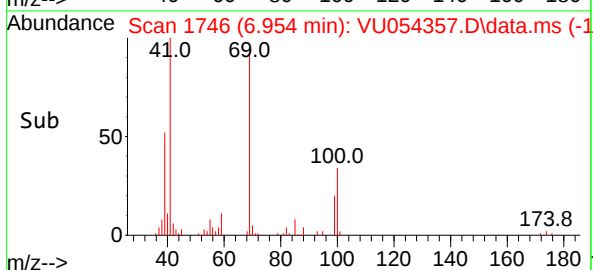
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

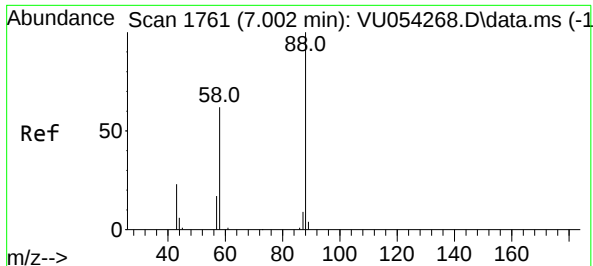


#48
Methyl methacrylate
Concen: 19.675 ug/l
RT: 6.954 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



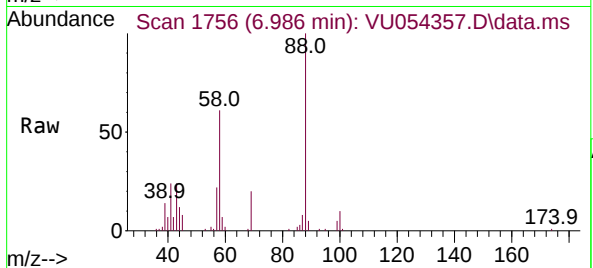
Tgt Ion: 41 Resp: 55243
Ion Ratio Lower Upper
41 100
69 95.1 79.8 119.6
39 54.3 47.9 71.9





#49
1,4-Dioxane
Concen: 437.721 ug/l
RT: 6.986 min Scan# 1761
Delta R.T. -0.016 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

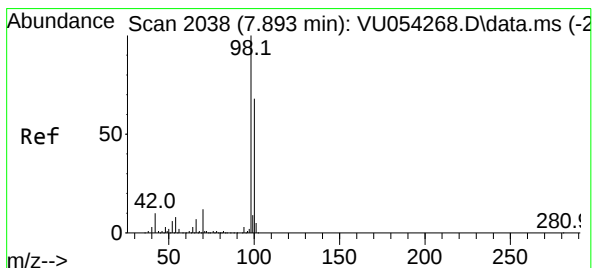
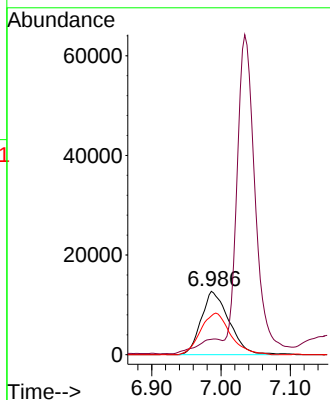
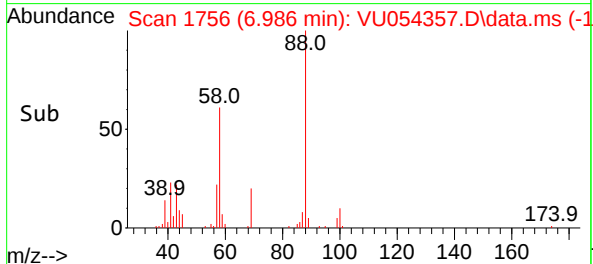
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



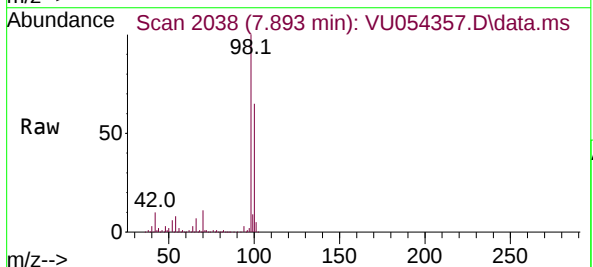
Tgt Ion: 88 Resp: 3548
Ion Ratio Lower Upper
88 100
43 21.1 0.0 0.0
58 70.4 15.4 23.0

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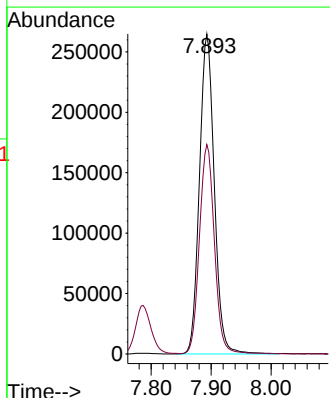
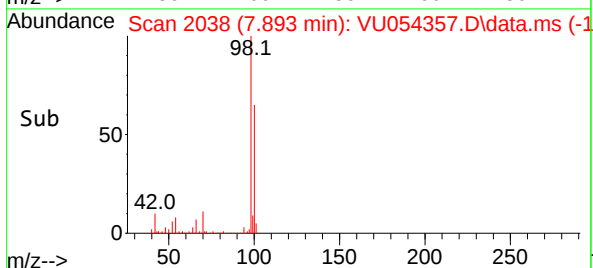
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

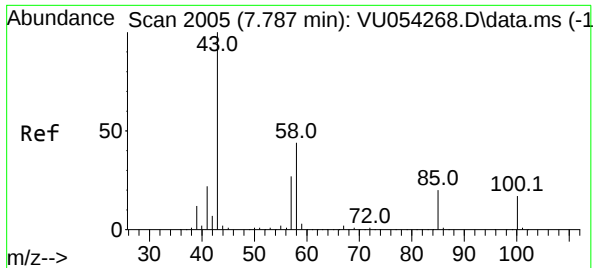


#50
Toluene-d8
Concen: 50.136 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion: 98 Resp: 457284
Ion Ratio Lower Upper
98 100
100 66.0 51.7 77.5





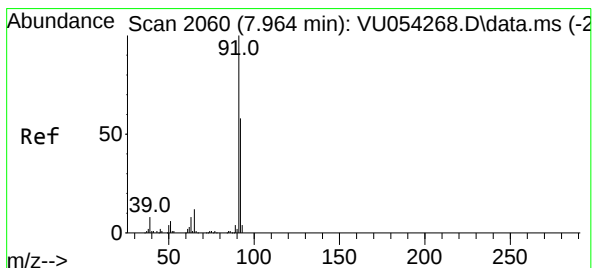
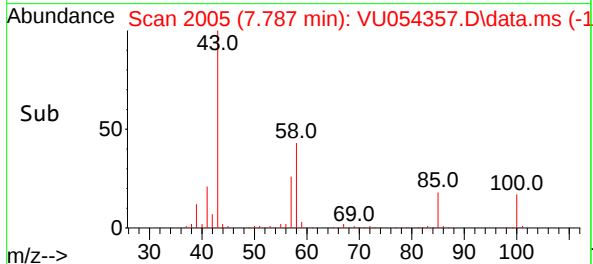
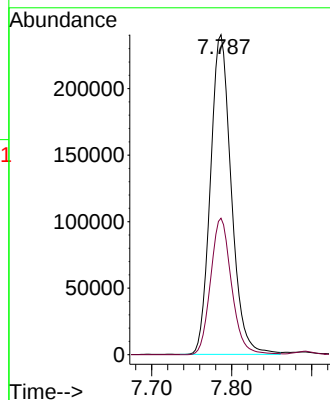
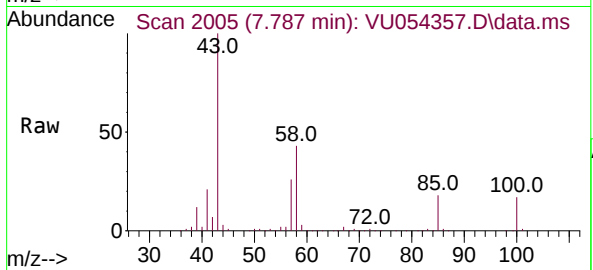
#51
4-Methyl-2-Pentanone
Concen: 103.025 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion: 43 Resp: 435298
Ion Ratio Lower Upper
43 100
58 43.0 34.7 52.1

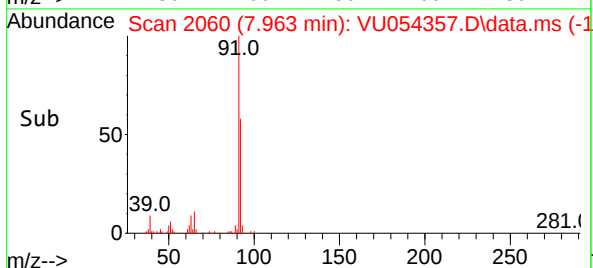
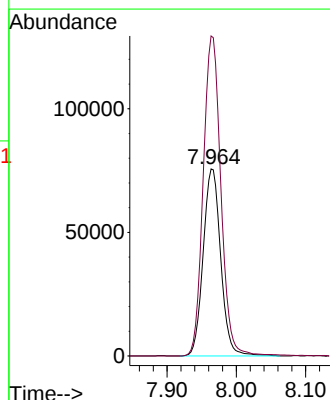
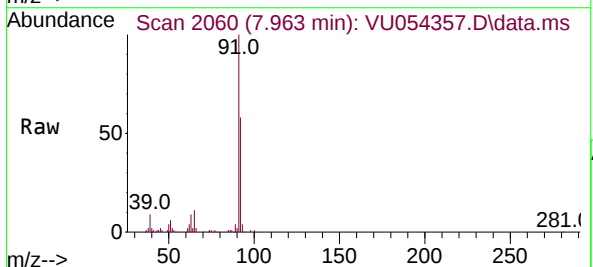
Manual Integrations
APPROVED

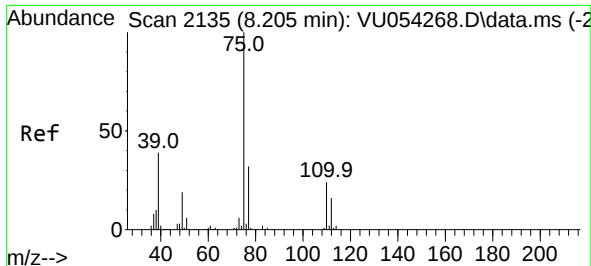
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#52
Toluene
Concen: 19.388 ug/l
RT: 7.963 min Scan# 2060
Delta R.T. -0.001 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

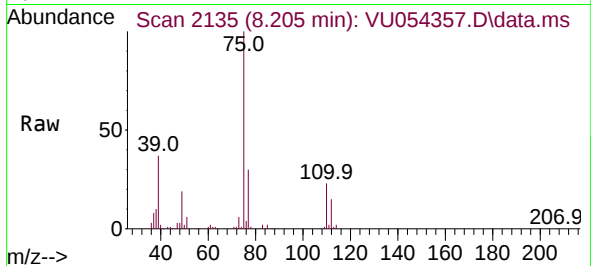
Tgt Ion: 92 Resp: 132810
Ion Ratio Lower Upper
92 100
91 172.9 138.2 207.4





#53
t-1,3-Dichloropropene
Concen: 18.207 ug/l
RT: 8.205 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

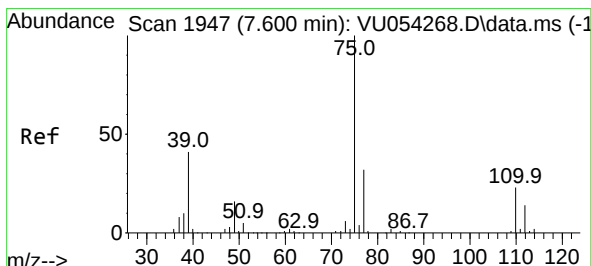
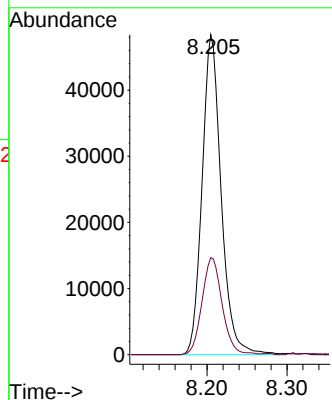
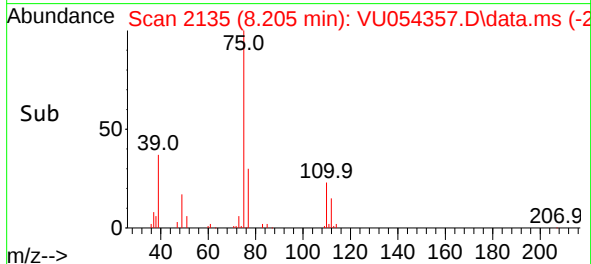
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



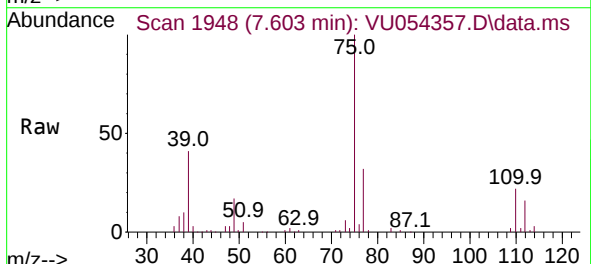
Tgt Ion: 75 Resp: 8036
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

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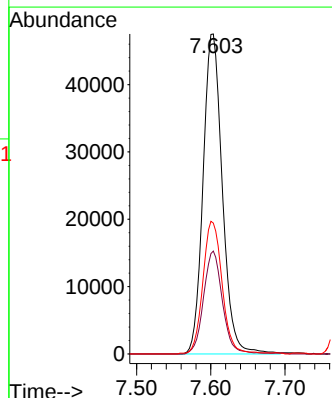
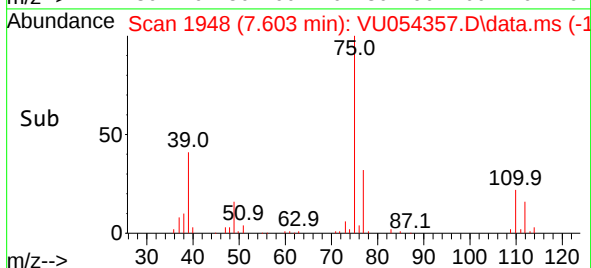
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

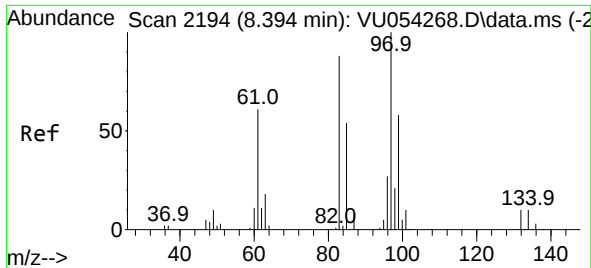


#54
cis-1,3-Dichloropropene
Concen: 18.595 ug/l
RT: 7.603 min Scan# 1948
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



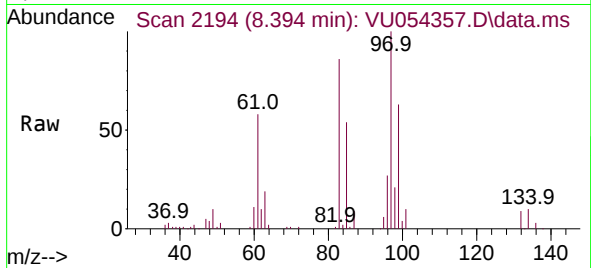
Tgt Ion: 75 Resp: 85654
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 40.6 33.0 49.6





#55
1,1,2-Trichloroethane
Concen: 19.858 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

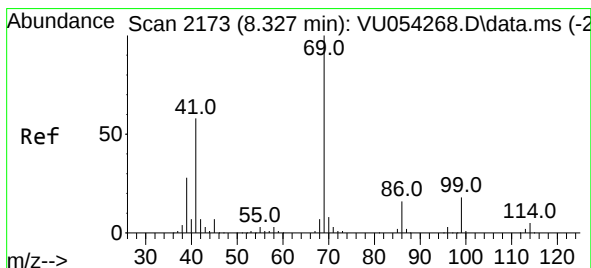
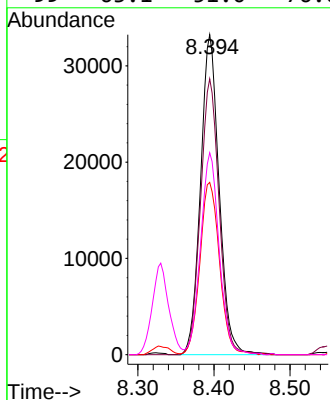
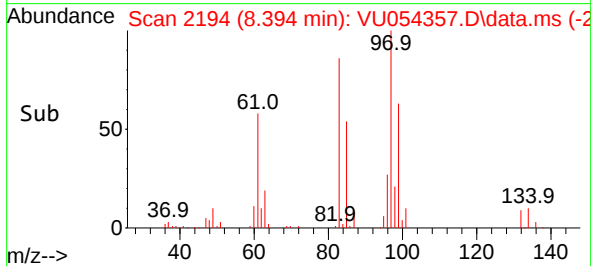
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



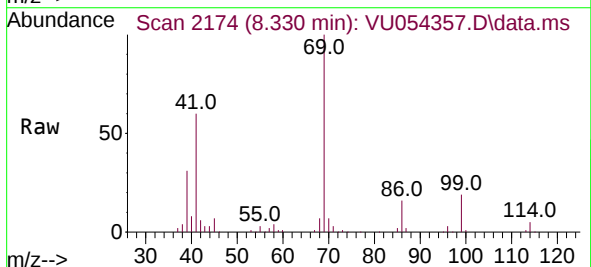
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.2	105.4
85	53.8	44.6	66.8
99	63.1	51.0	76.6

Manual Integrations
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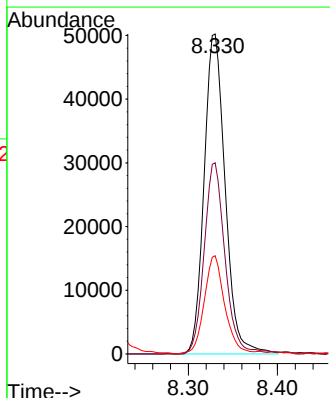
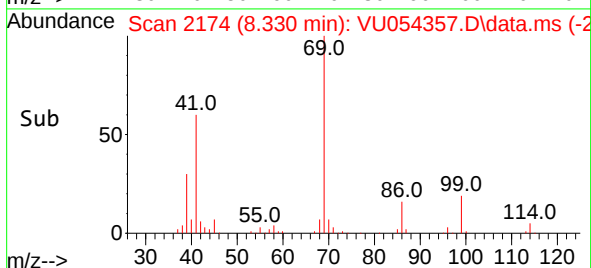
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

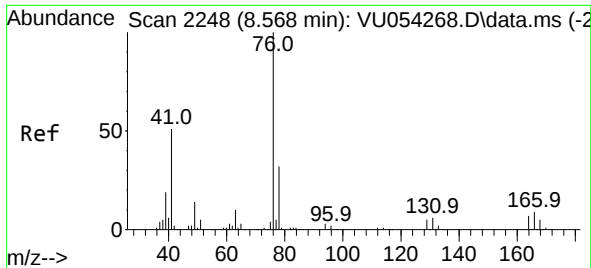


#56
Ethyl methacrylate
Concen: 19.514 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.6	45.4	68.0
39	29.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 19.641 ug/l

RT: 8.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 76 Resp: 9602

Ion Ratio Lower Upper

76 100

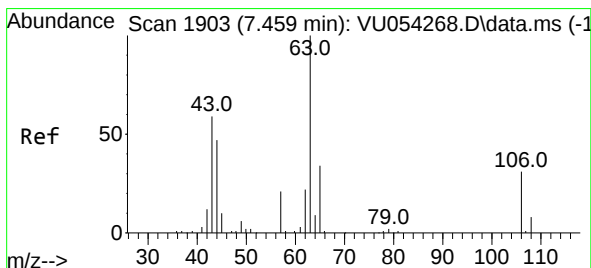
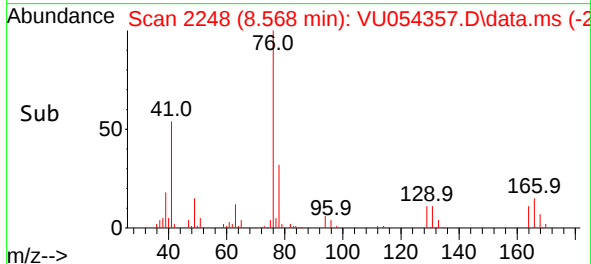
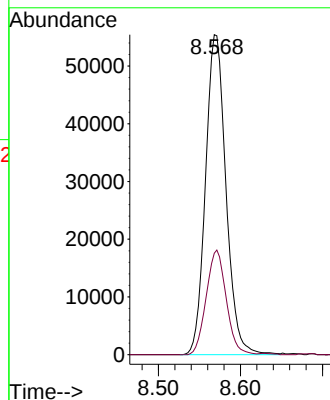
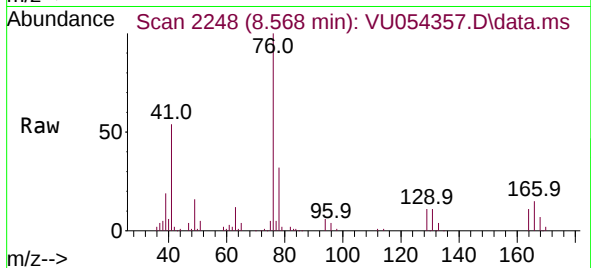
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.429 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU054357.D

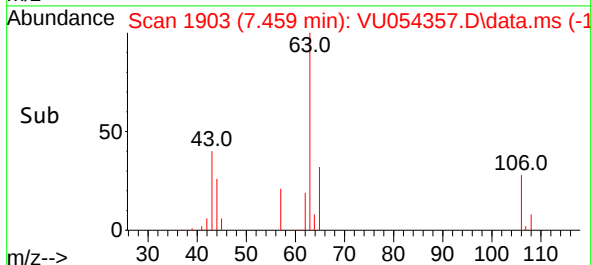
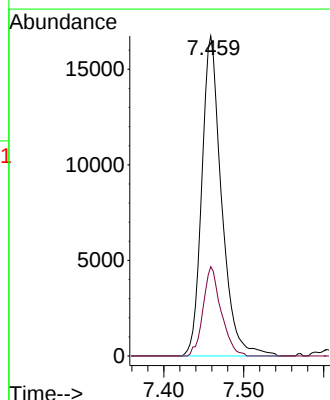
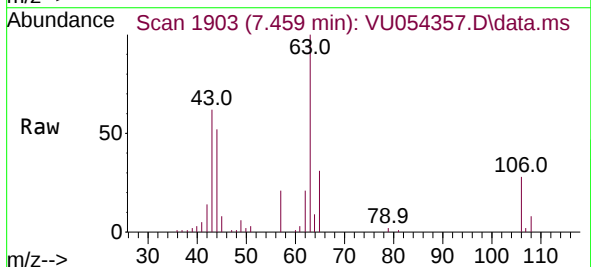
Acq: 31 May 2023 23:20

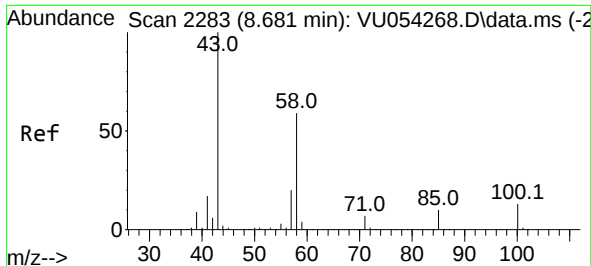
Tgt Ion: 63 Resp: 28835

Ion Ratio Lower Upper

63 100

106 25.3 23.1 34.7





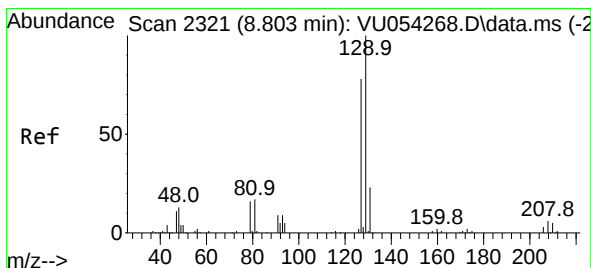
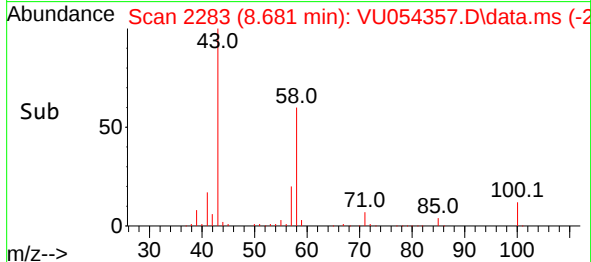
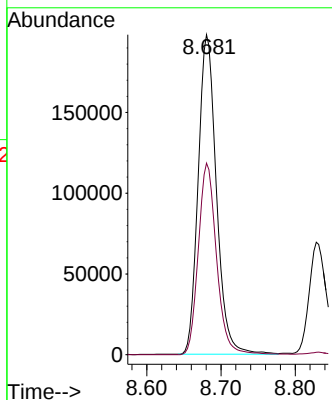
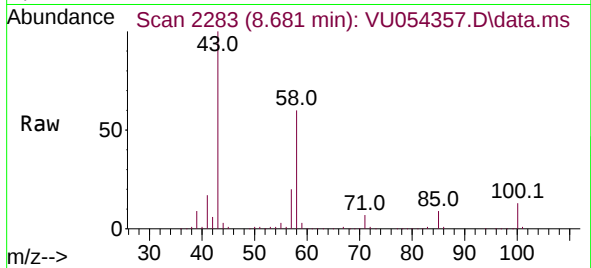
#59
2-Hexanone
Concen: 101.251 ug/l
RT: 8.681 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion: 43 Resp: 337944
Ion Ratio Lower Upper
43 100
58 59.9 30.3 90.8

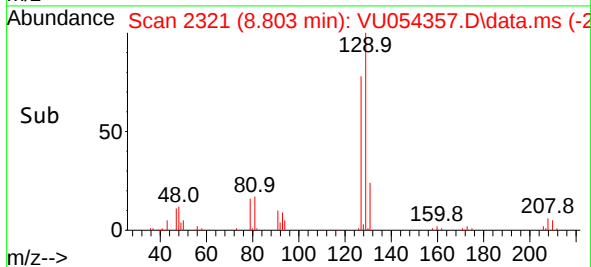
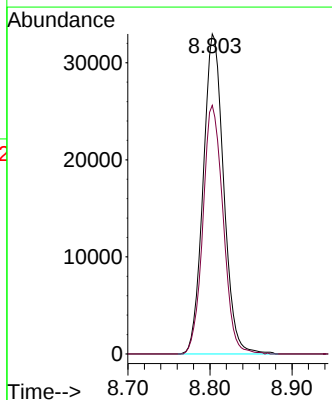
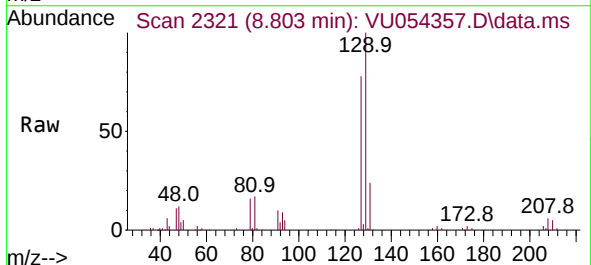
Manual Integrations
APPROVED

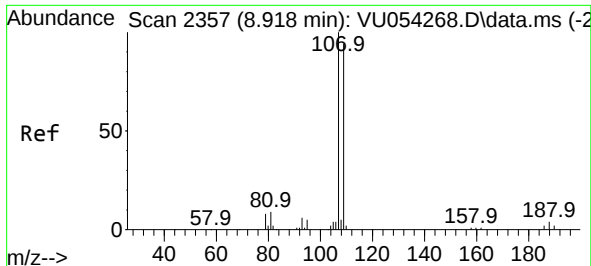
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#60
Dibromochloromethane
Concen: 19.831 ug/l
RT: 8.803 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

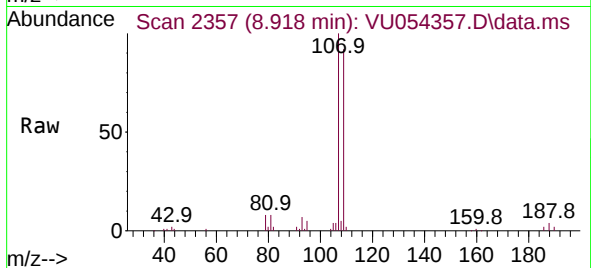
Tgt Ion:129 Resp: 57198
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.551 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

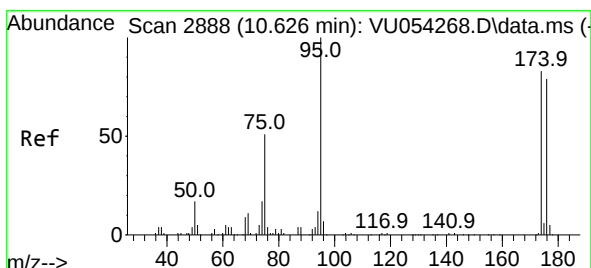
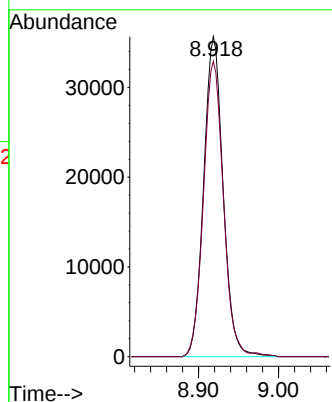
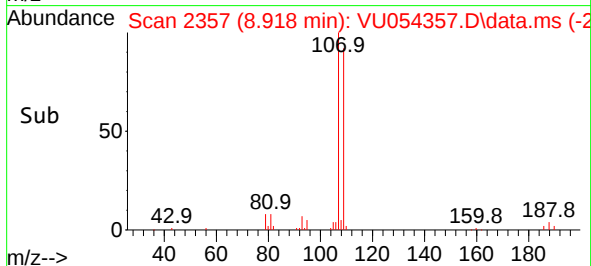
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



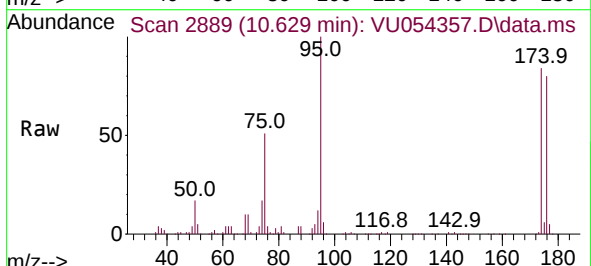
Tgt Ion:107 Resp: 60400
Ion Ratio Lower Upper
107 100
109 94.0 75.1 112.7

Manual Integrations
APPROVED

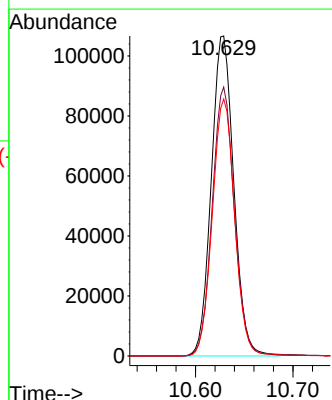
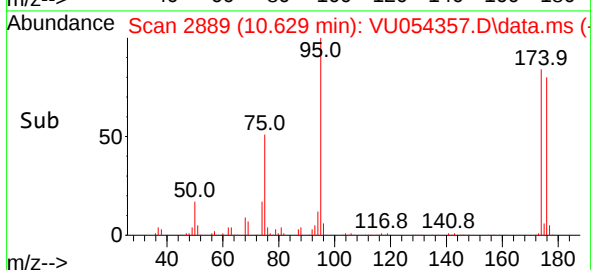
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

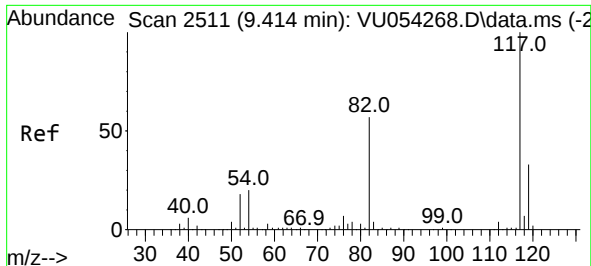


#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



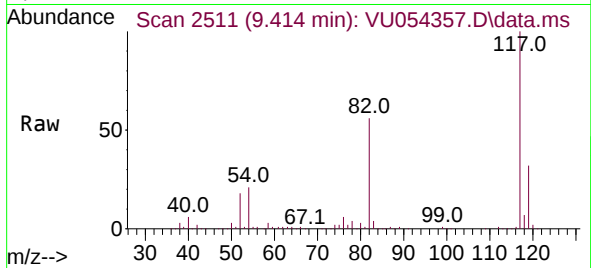
Tgt Ion: 95 Resp: 170765
Ion Ratio Lower Upper
95 100
174 83.2 0.0 182.0
176 79.9 0.0 177.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

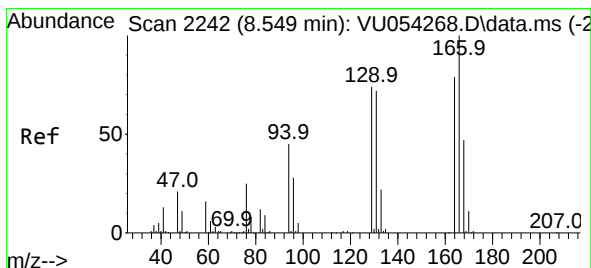
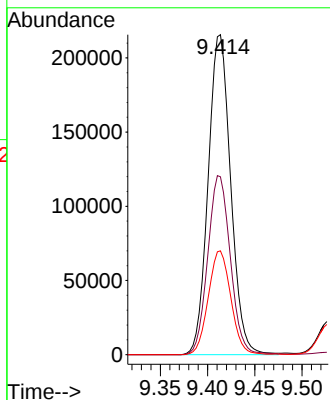
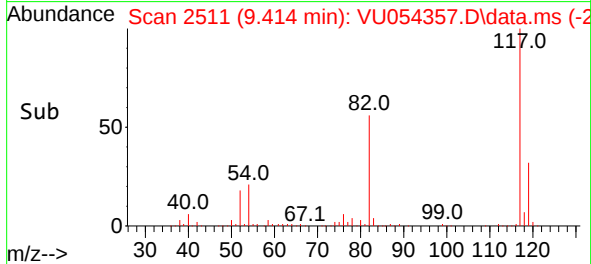
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion:117 Resp: 35830
Ion Ratio Lower Upper
117 100
82 55.6 41.7 62.5
119 32.4 25.7 38.5

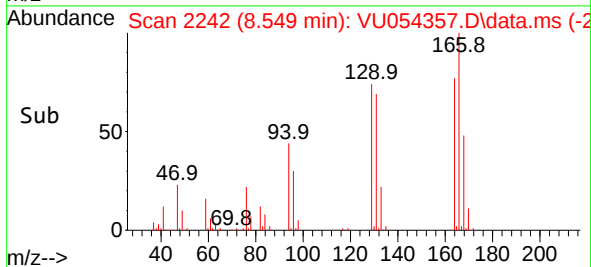
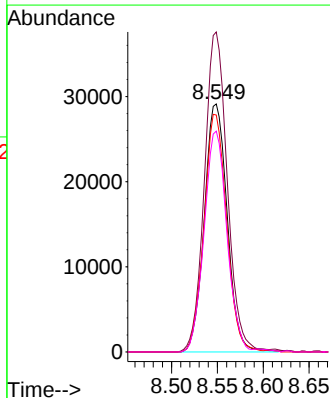
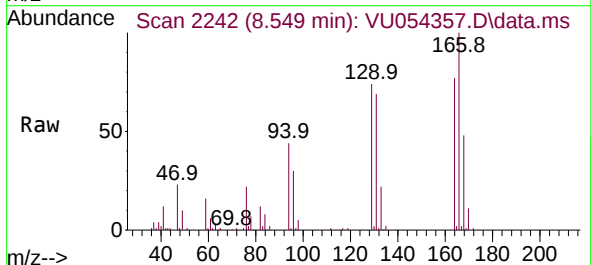
Manual Integrations
APPROVED

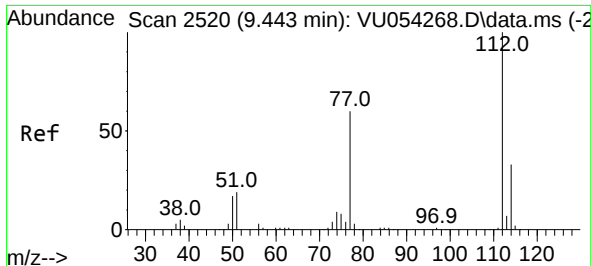
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#64
Tetrachloroethene
Concen: 18.768 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion:164 Resp: 50610
Ion Ratio Lower Upper
164 100
166 129.1 100.0 150.0
129 95.5 72.0 108.0
131 89.0 69.7 104.5





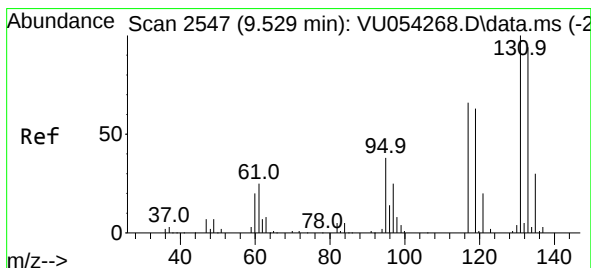
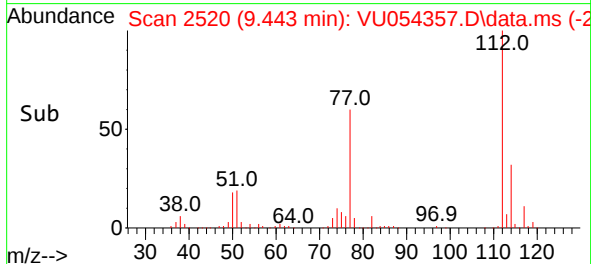
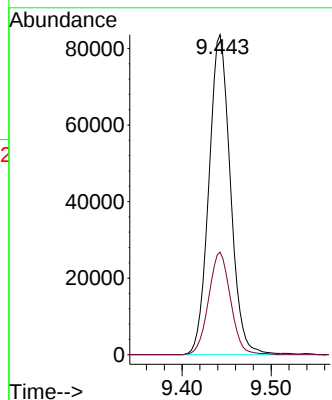
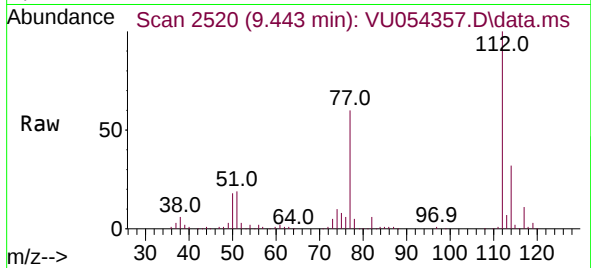
#65
Chlorobenzene
Concen: 18.679 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion:112 Resp: 13991
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3

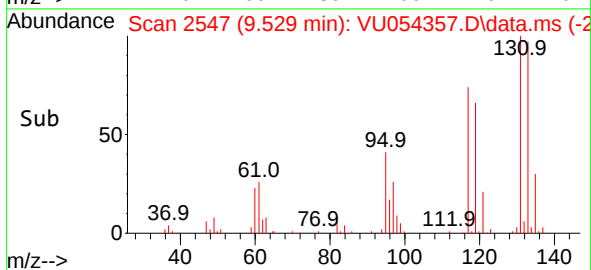
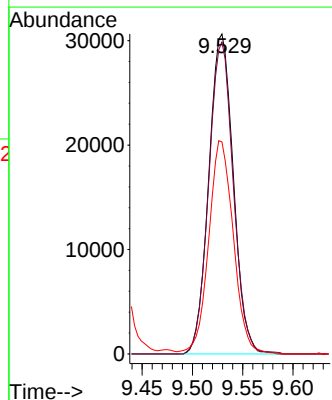
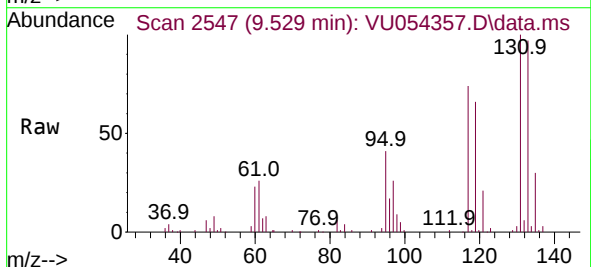
Manual Integrations
APPROVED

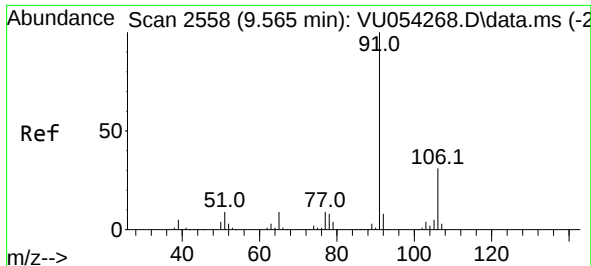
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.138 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion:131 Resp: 52006
Ion Ratio Lower Upper
131 100
133 97.5 48.4 145.0
119 67.1 33.9 101.6





#67

Ethyl Benzene

Concen: 18.757 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. -0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 91 Resp: 240200

Ion Ratio Lower Upper

91 100

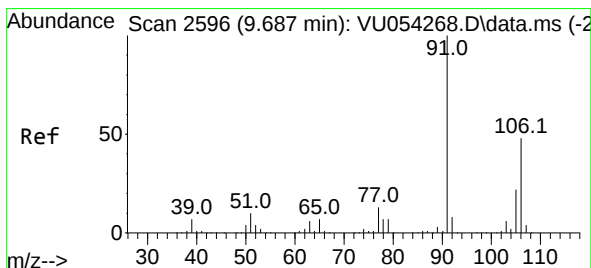
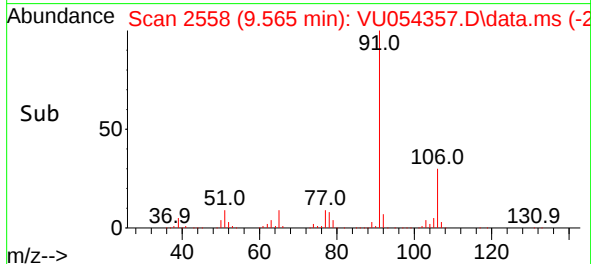
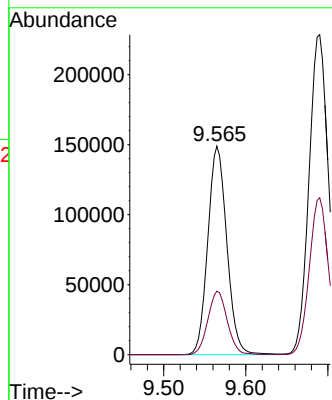
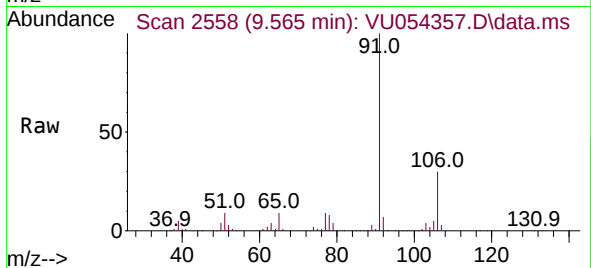
106 30.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#68

m/p-Xylenes

Concen: 38.085 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.003 min

Lab File: VU054357.D

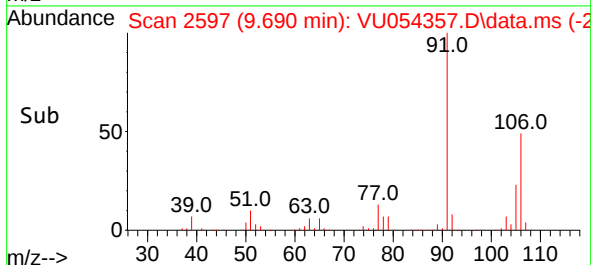
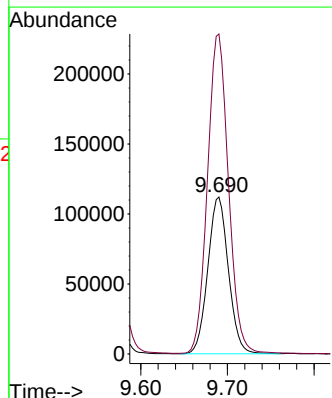
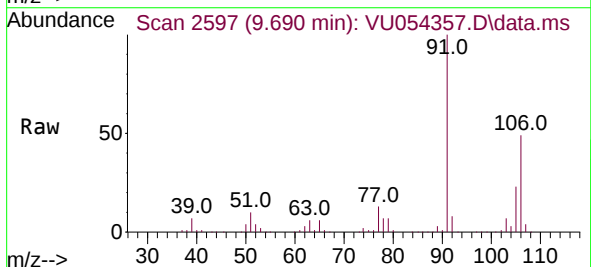
Acq: 31 May 2023 23:20

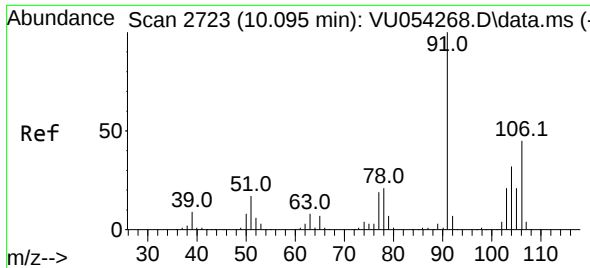
Tgt Ion:106 Resp: 184871

Ion Ratio Lower Upper

106 100

91 208.6 157.2 235.8





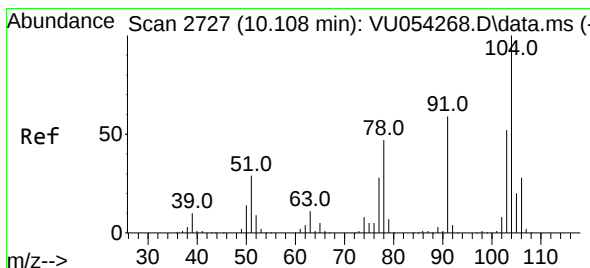
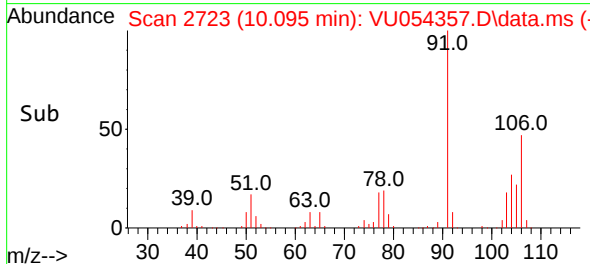
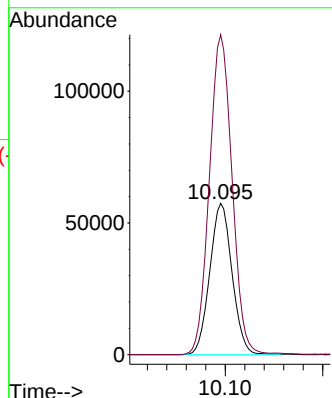
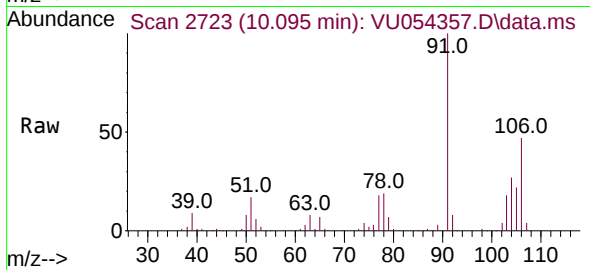
#69
o-Xylene
Concen: 19.426 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion:106 Resp: 91280
Ion Ratio Lower Upper
106 100
91 215.8 103.5 310.5

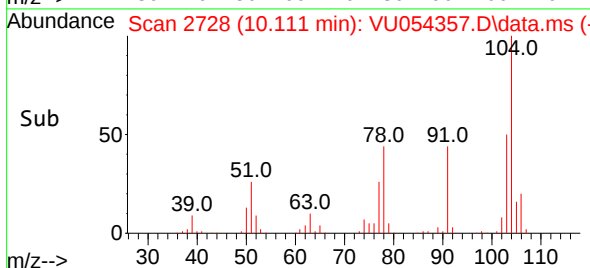
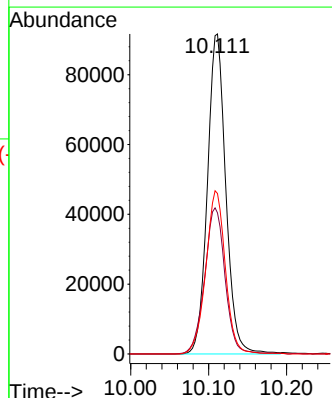
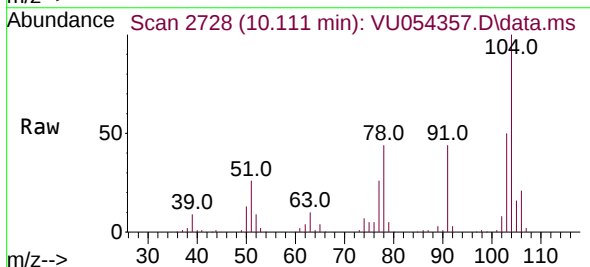
Manual Integrations
APPROVED

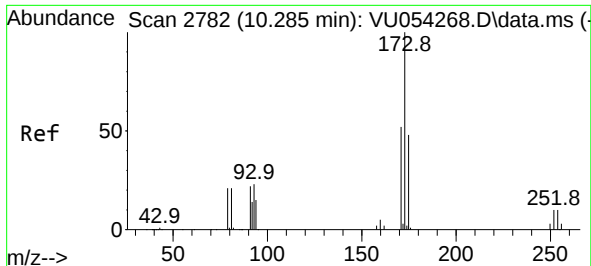
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 19.317 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

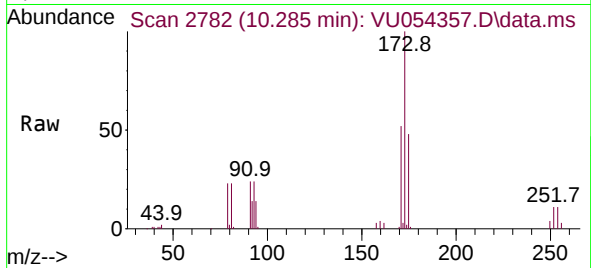
Tgt Ion:104 Resp: 150531
Ion Ratio Lower Upper
104 100
78 50.8 38.0 57.0
103 54.1 43.9 65.9





#71
Bromoform
Concen: 18.935 ug/l
RT: 10.285 min Scan# 2782
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

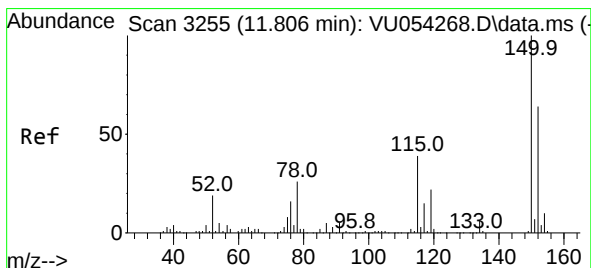
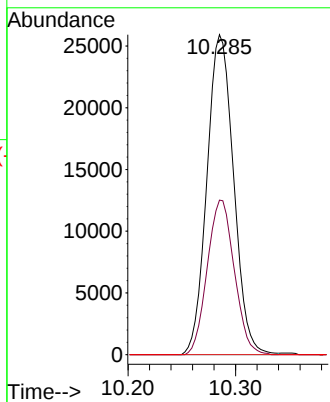
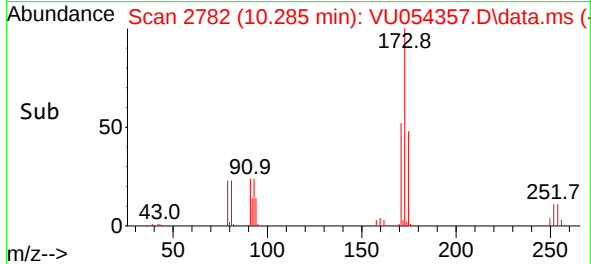
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



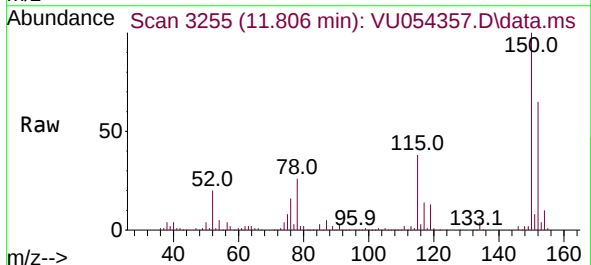
Tgt Ion:173 Resp: 44712
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

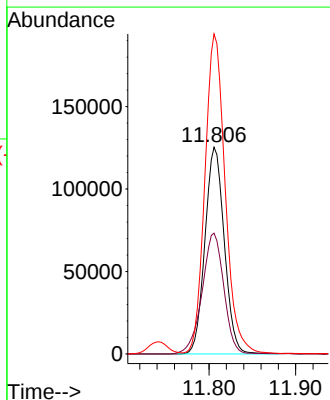
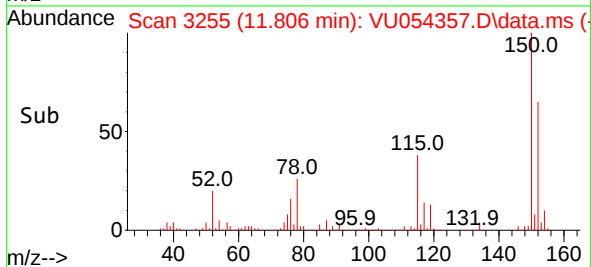
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

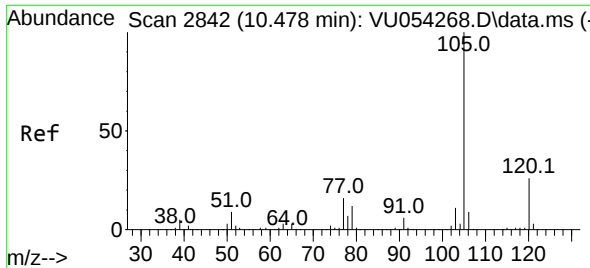


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion:152 Resp: 194690
Ion Ratio Lower Upper
152 100
115 65.5 37.0 110.9
150 161.7 0.0 342.2





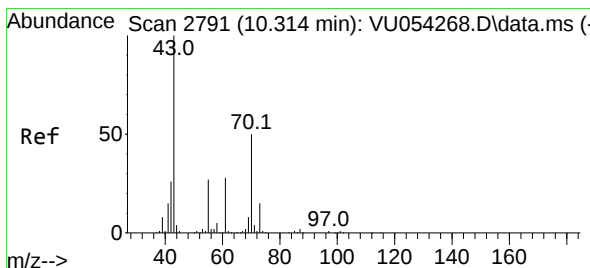
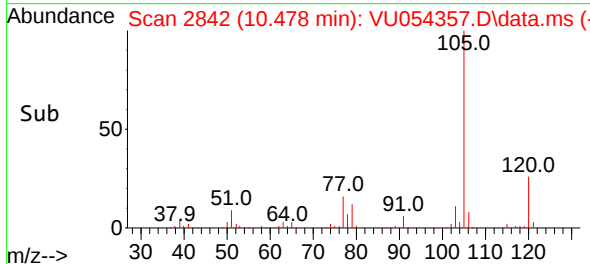
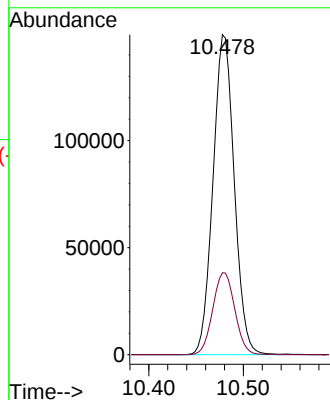
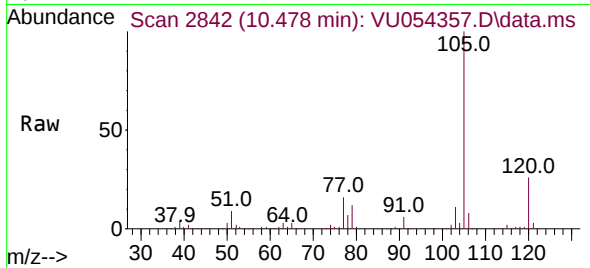
#73
Isopropylbenzene
Concen: 19.354 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion:105 Resp: 233354
Ion Ratio Lower Upper
105 100
120 26.5 13.8 41.4

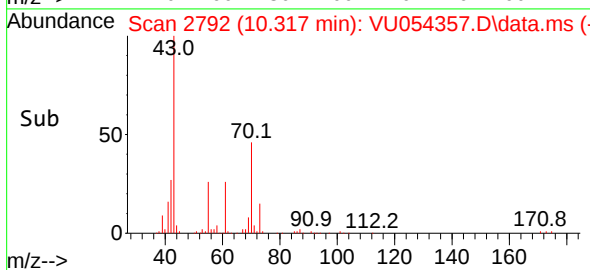
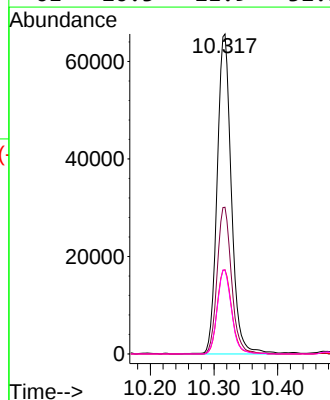
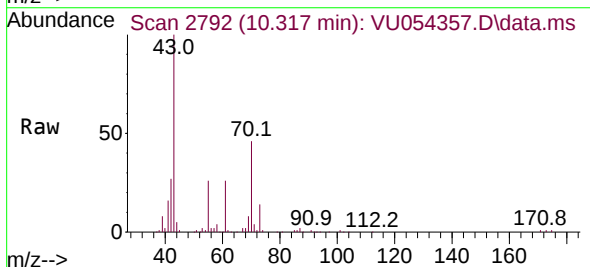
Manual Integrations
APPROVED

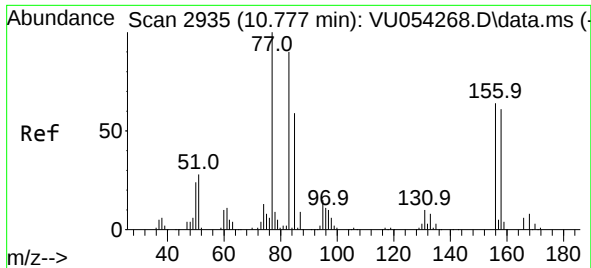
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#74
N-ethyl acetate
Concen: 19.876 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

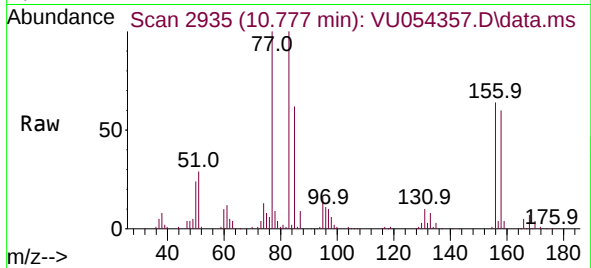
Tgt Ion: 43 Resp: 101761
Ion Ratio Lower Upper
43 100
70 46.2 38.7 58.1
55 26.9 21.8 32.8
61 26.3 21.9 32.9





#75
1,1,2,2-Tetrachloroethane
Concen: 20.761 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

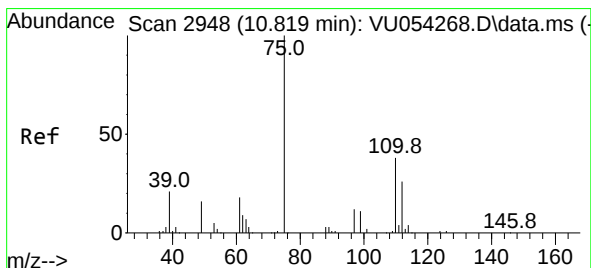
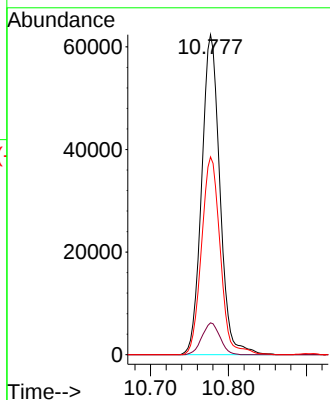
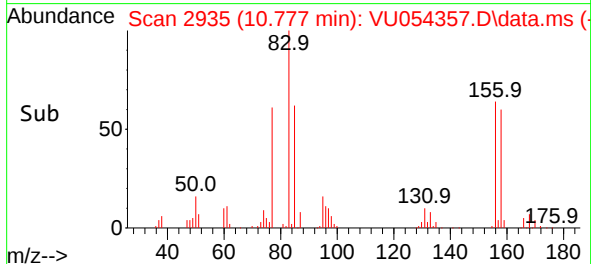
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



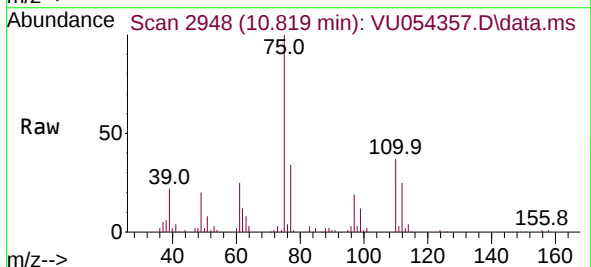
Tgt Ion: 83 Resp: 101290
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 63.5 32.2 96.6

Manual Integrations
APPROVED

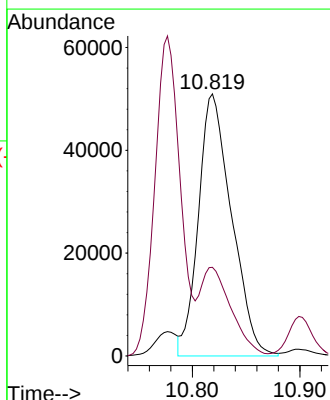
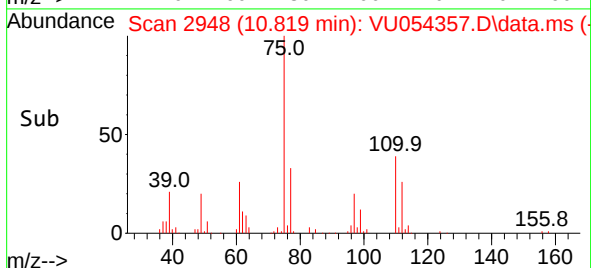
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

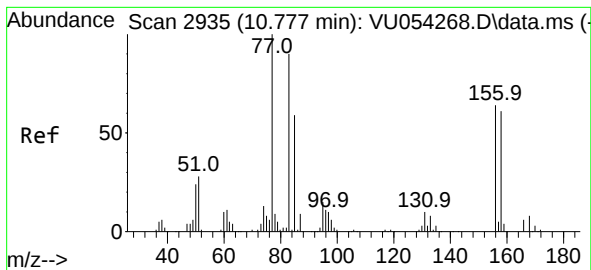


#76
1,2,3-Trichloropropane
Concen: 19.205 ug/l
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion: 75 Resp: 109129
Ion Ratio Lower Upper
75 100
77 31.1 15.8 47.3





#77

Bromobenzene

Concen: 19.496 ug/l

RT: 10.777 min Scan# 2935

Delta R.T. -0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

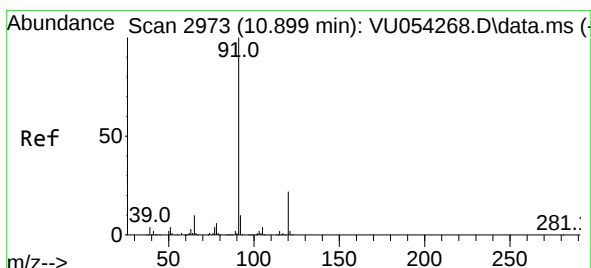
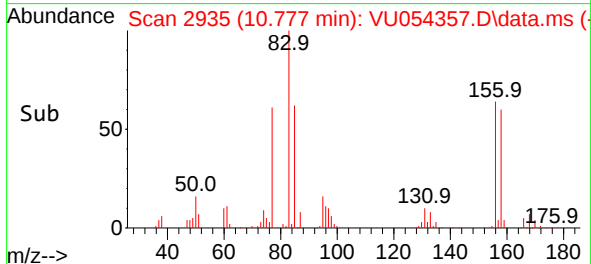
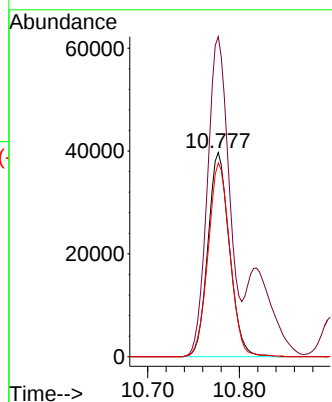
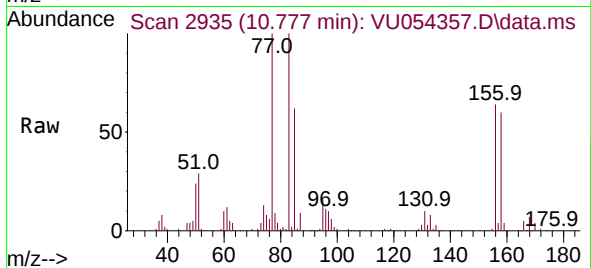
Tgt Ion:	156	Resp:	64552
Ion Ratio	Lower	Upper	
156	100		
77	159.4	71.9	215.6
158	96.2	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#78

n-propylbenzene

Concen: 18.914 ug/l

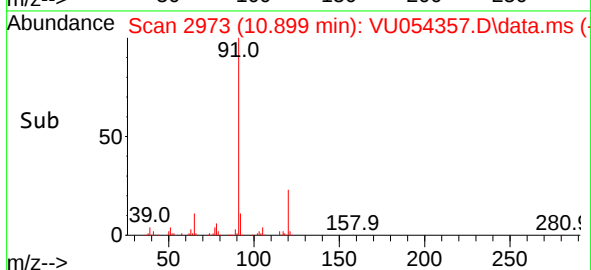
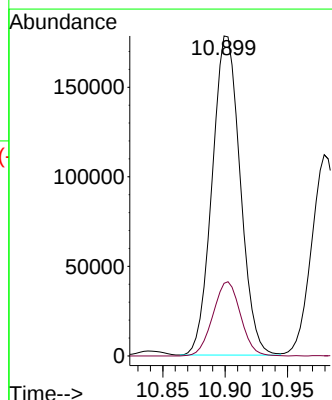
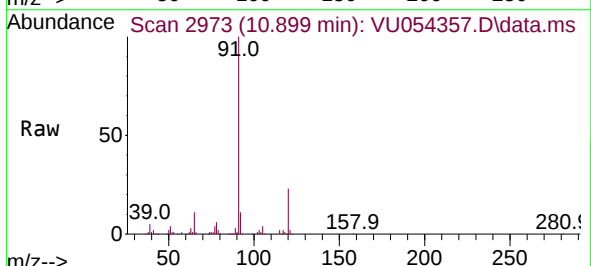
RT: 10.899 min Scan# 2973

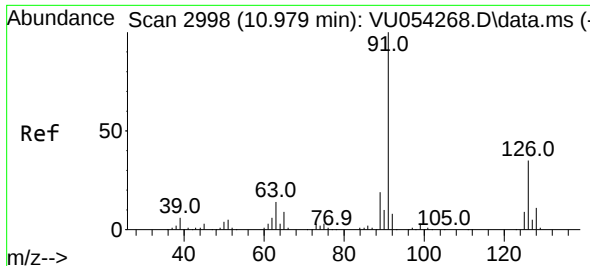
Delta R.T. 0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Tgt Ion:	91	Resp:	279361
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.9	35.5





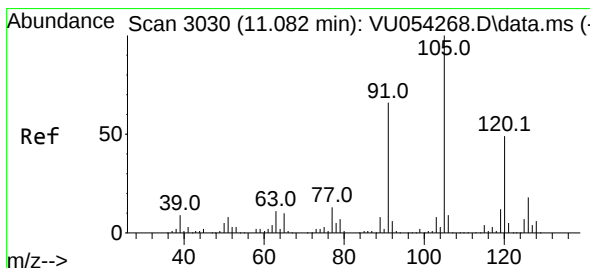
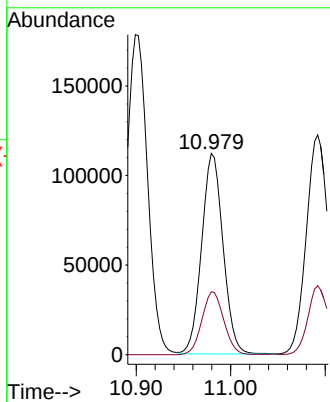
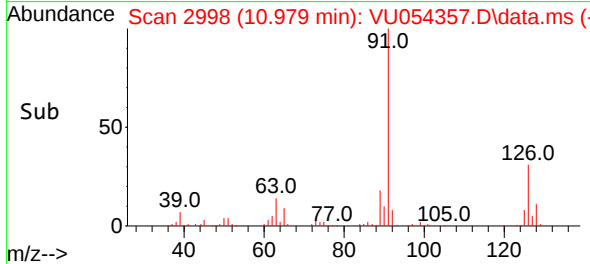
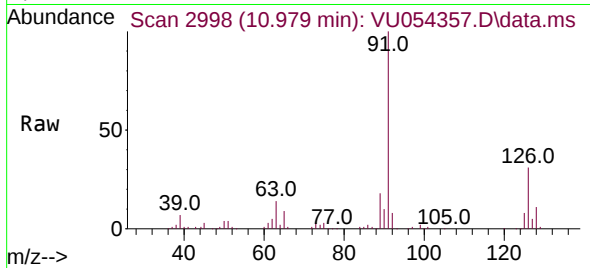
#79
2-Chlorotoluene
Concen: 19.704 ug/l
RT: 10.979 min Scan# 2998
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02

Tgt Ion: 91 Resp: 17620
Ion Ratio Lower Upper
91 100
126 32.0 18.4 55.0

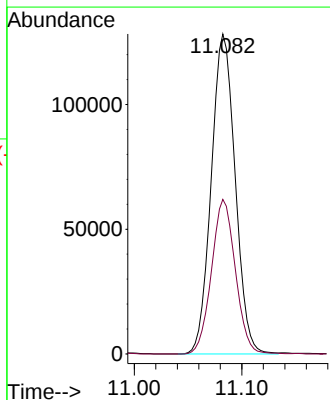
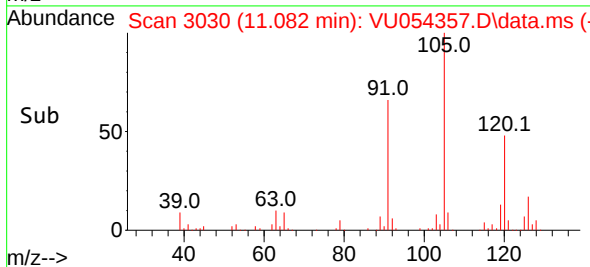
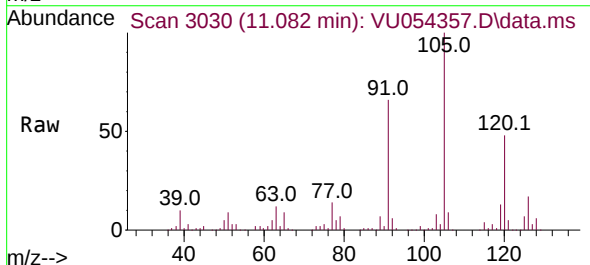
Manual Integrations
APPROVED

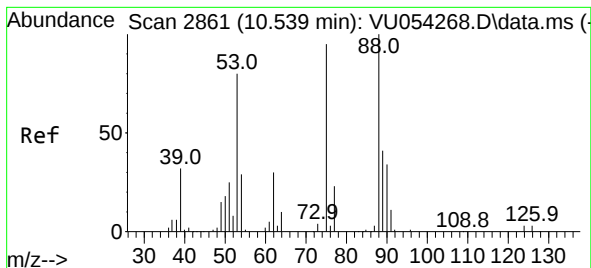
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.325 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

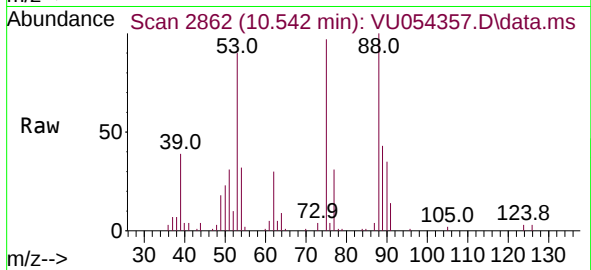
Tgt Ion:105 Resp: 198157
Ion Ratio Lower Upper
105 100
120 48.2 25.3 75.9





#81
trans-1,4-Dichloro-2-butene
Concen: 17.466 ug/l
RT: 10.542 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

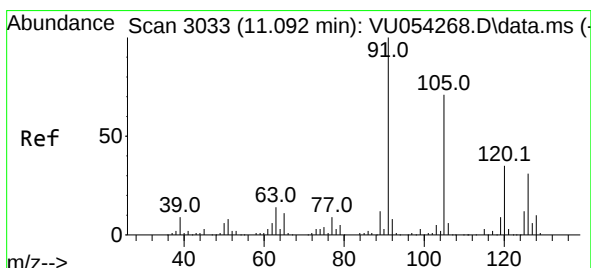
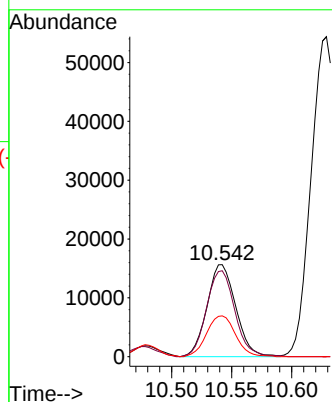
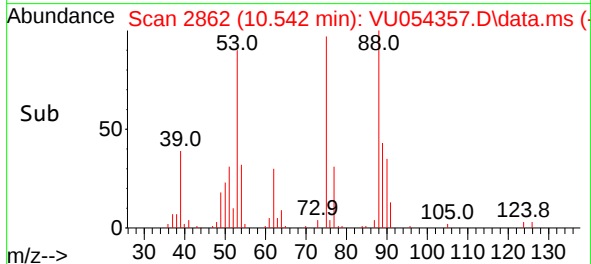
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion: 75 Resp: 26062
Ion Ratio Lower Upper
75 100
53 92.2 69.2 103.8
89 44.6 37.0 55.6

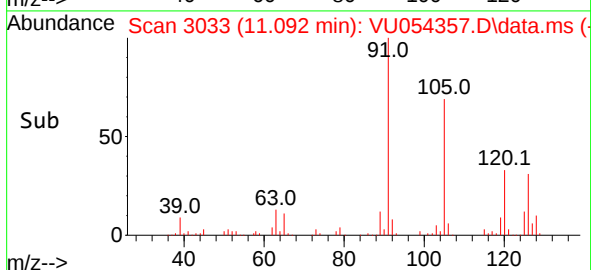
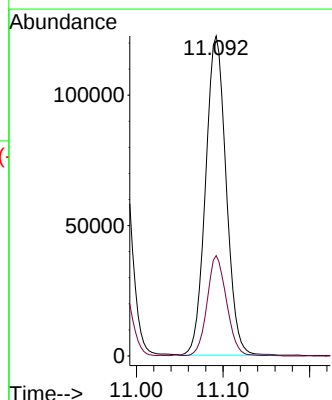
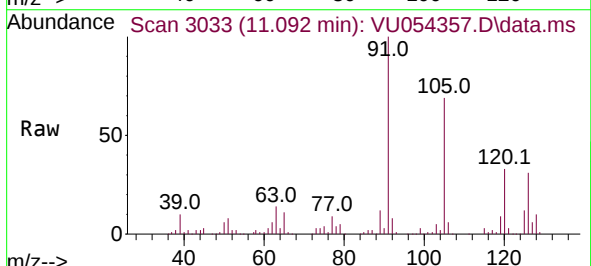
Manual Integrations
APPROVED

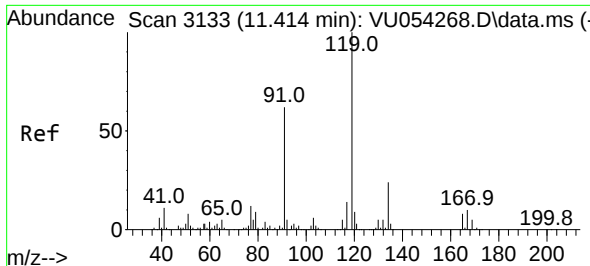
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 19.224 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

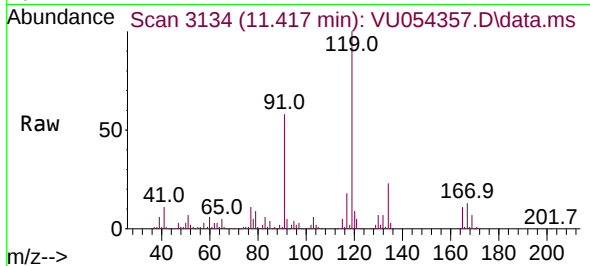
Tgt Ion: 91 Resp: 201702
Ion Ratio Lower Upper
91 100
126 29.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 18.840 ug/l
RT: 11.417 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

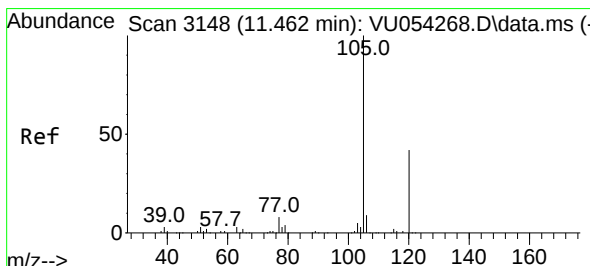
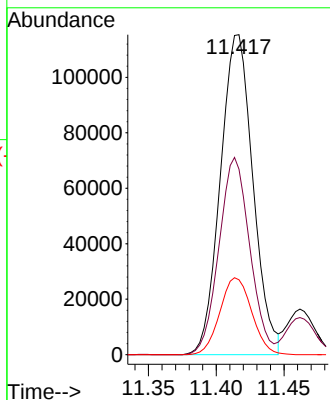
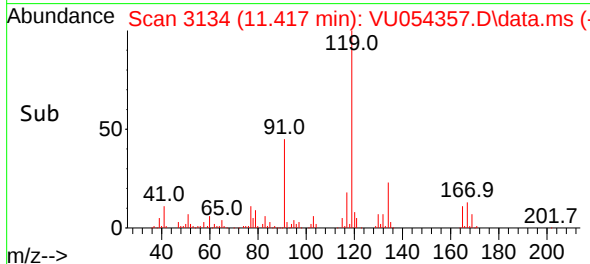
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion:119 Resp: 19318
Ion Ratio Lower Upper
119 100
91 58.3 26.8 80.3
134 23.5 11.5 34.5

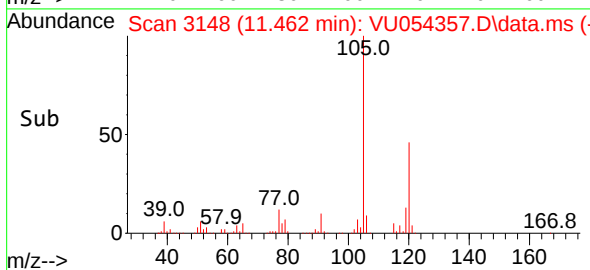
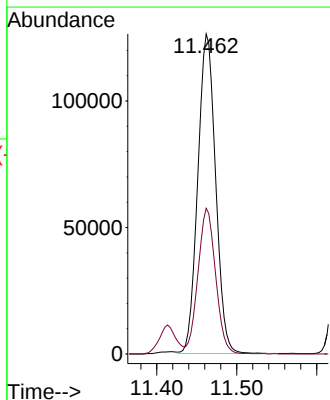
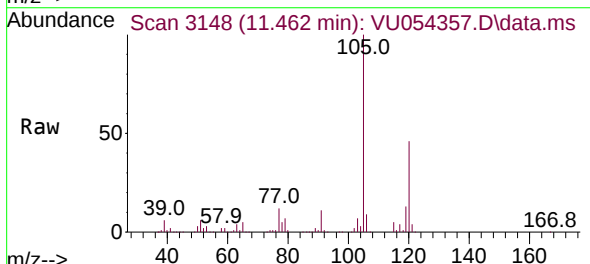
Manual Integrations
APPROVED

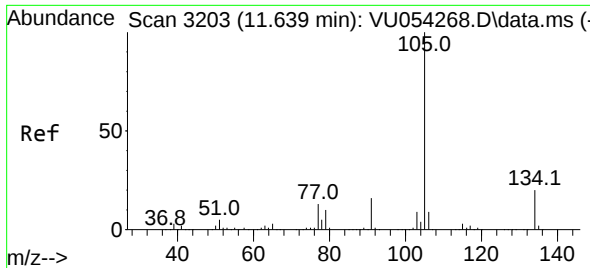
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.220 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion:105 Resp: 196071
Ion Ratio Lower Upper
105 100
120 44.9 23.4 70.3





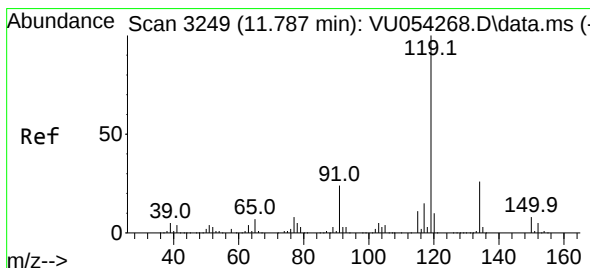
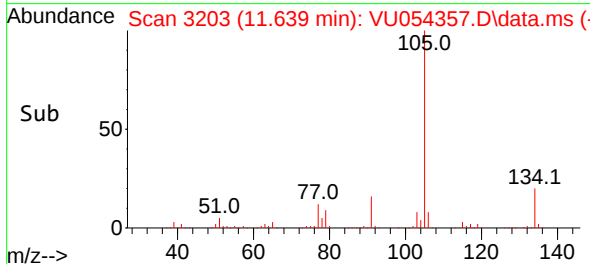
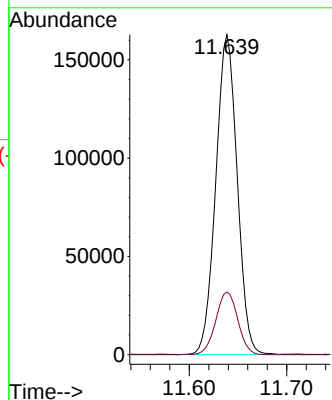
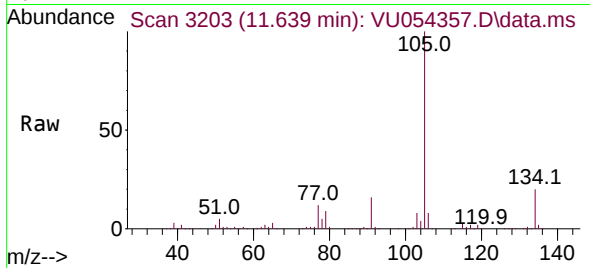
#85
 sec-Butylbenzene
 Concen: 19.051 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU054357.D
 Acq: 31 May 2023 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0531WBS02

Tgt Ion:105 Resp: 247869
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

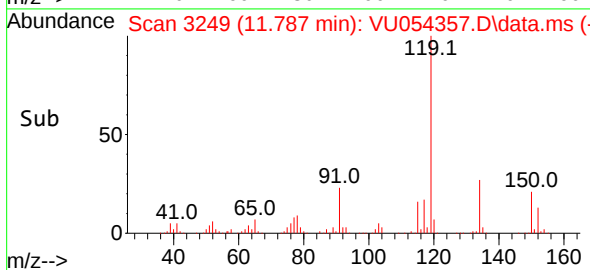
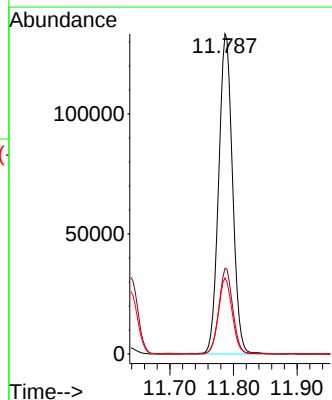
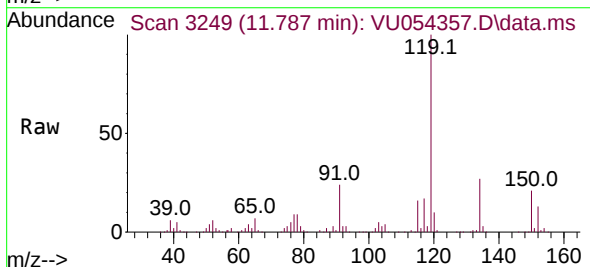
Manual Integrations
 APPROVED

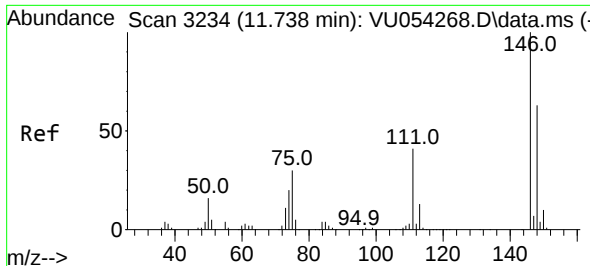
Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023



#86
 p-Isopropyltoluene
 Concen: 18.443 ug/l
 RT: 11.787 min Scan# 3249
 Delta R.T. -0.001 min
 Lab File: VU054357.D
 Acq: 31 May 2023 23:20

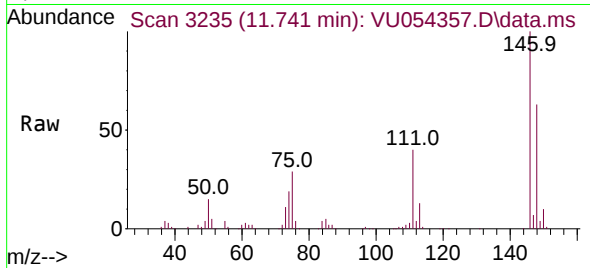
Tgt Ion:119 Resp: 201826
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 23.6 11.2 33.5





#87
1,3-Dichlorobenzene
Concen: 18.402 ug/l
RT: 11.741 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

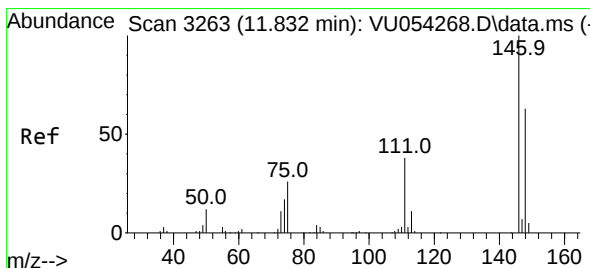
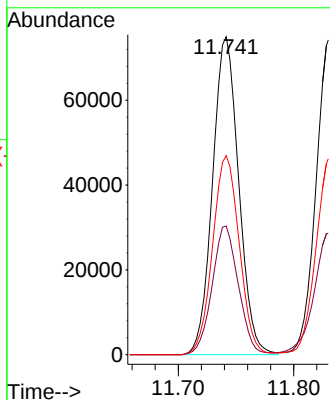
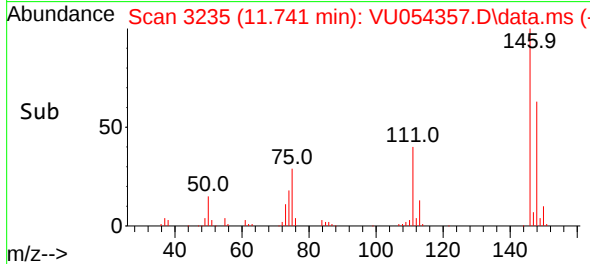
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



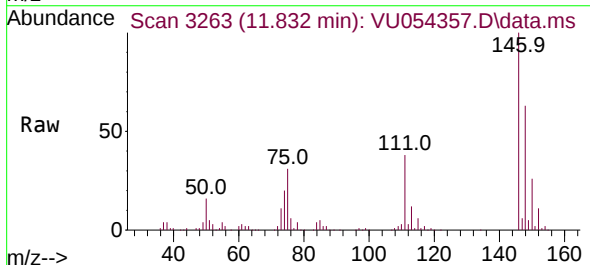
Tgt Ion:146 Resp: 117970
Ion Ratio Lower Upper
146 100
111 40.6 18.9 56.5
148 63.9 31.9 95.9

Manual Integrations
APPROVED

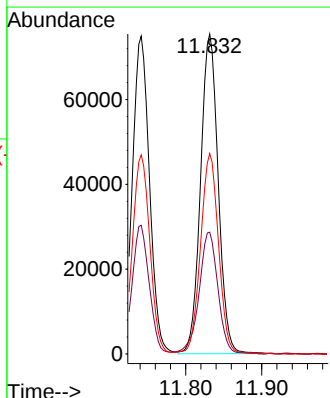
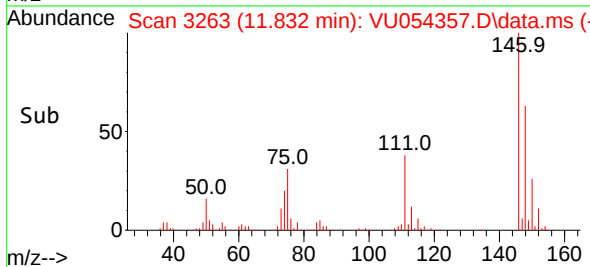
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

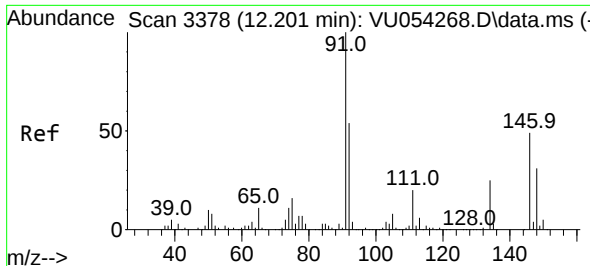


#88
1,4-Dichlorobenzene
Concen: 18.156 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.001 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20



Tgt Ion:146 Resp: 121601
Ion Ratio Lower Upper
146 100
111 40.8 18.5 55.5
148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 16.979 ug/l

RT: 12.204 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

Tgt Ion: 91 Resp: 17490

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.6

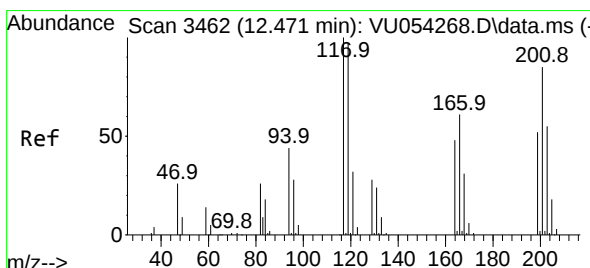
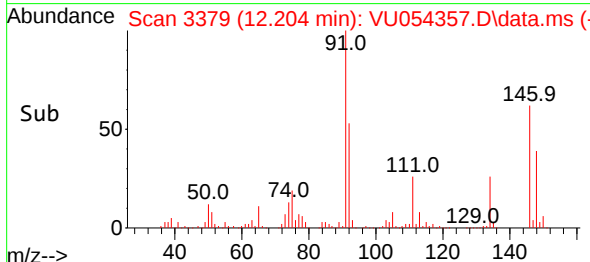
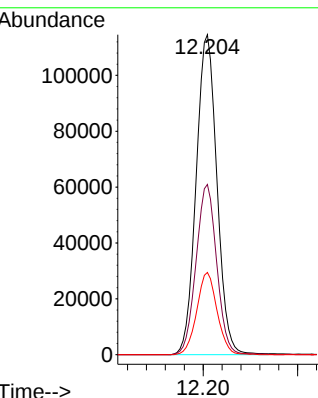
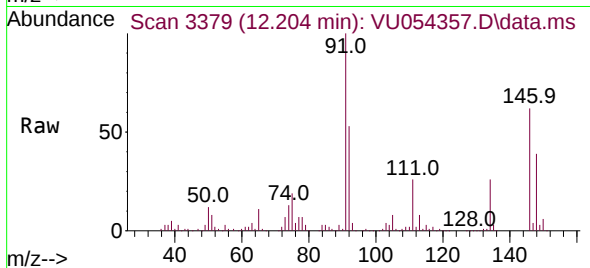
134 25.1 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#90

Hexachloroethane

Concen: 18.436 ug/l

RT: 12.468 min Scan# 3461

Delta R.T. -0.003 min

Lab File: VU054357.D

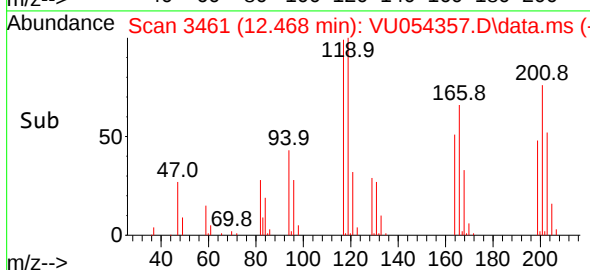
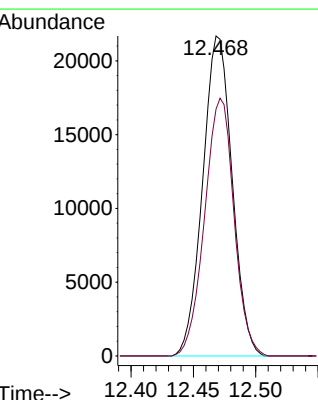
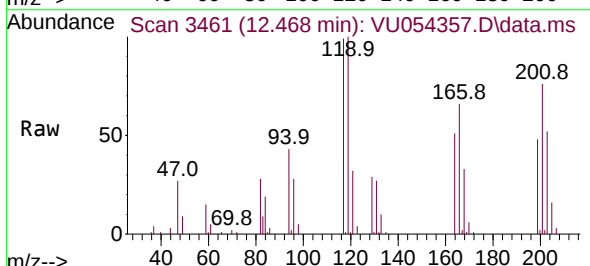
Acq: 31 May 2023 23:20

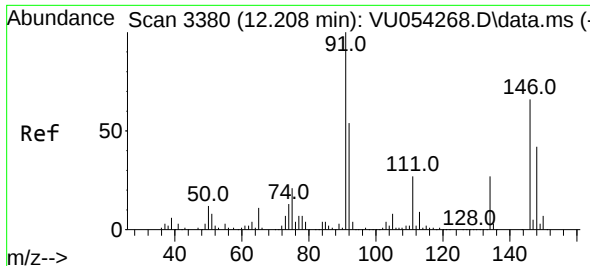
Tgt Ion:117 Resp: 35691

Ion Ratio Lower Upper

117 100

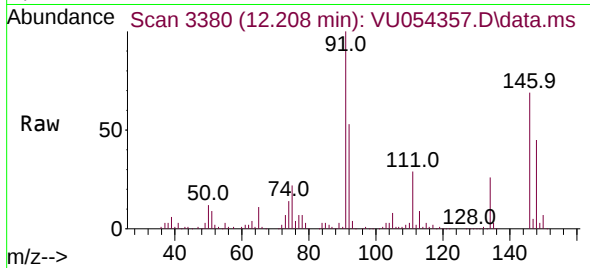
201 80.3 44.6 134.0





#91
1,2-Dichlorobenzene
Concen: 18.937 ug/l
RT: 12.208 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

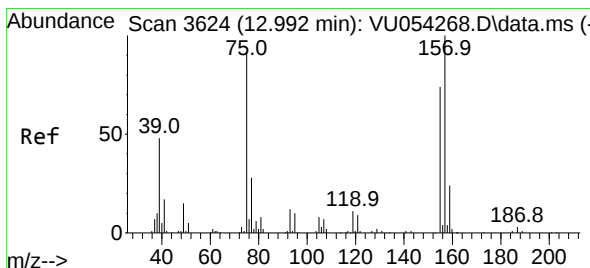
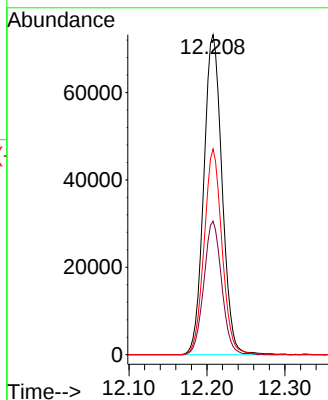
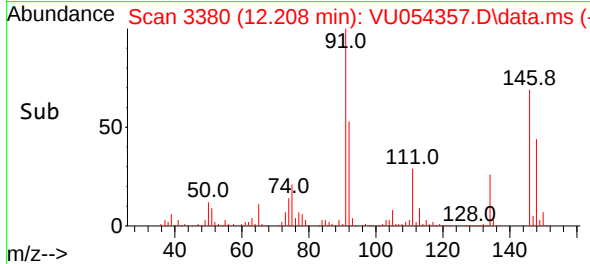
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion:146 Resp: 119430
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.6
148 63.0 32.1 96.5

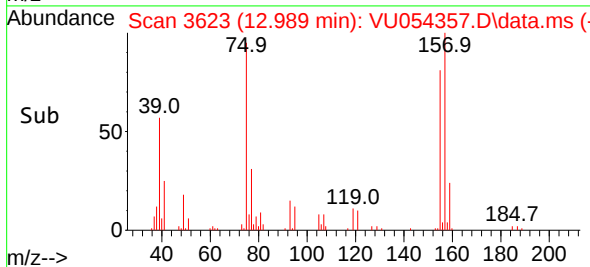
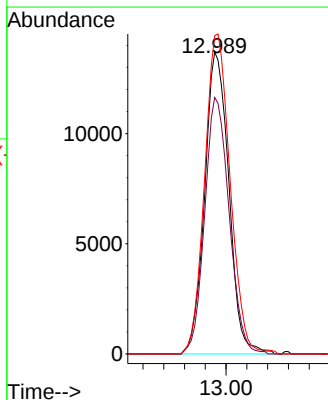
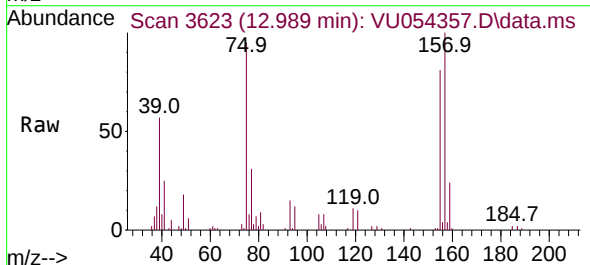
Manual Integrations
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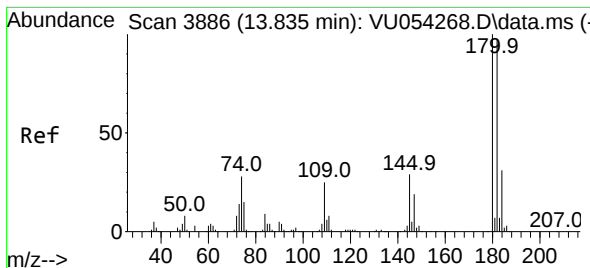
Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.814 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion: 75 Resp: 22047
Ion Ratio Lower Upper
75 100
155 86.3 47.8 143.4
157 112.5 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 17.989 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

VU0531WBS02

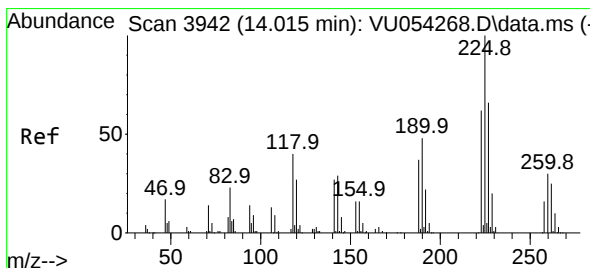
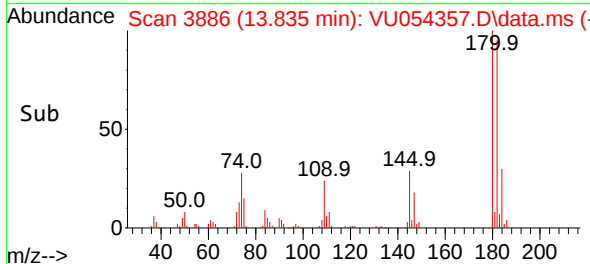
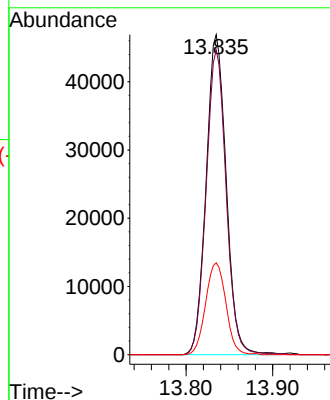
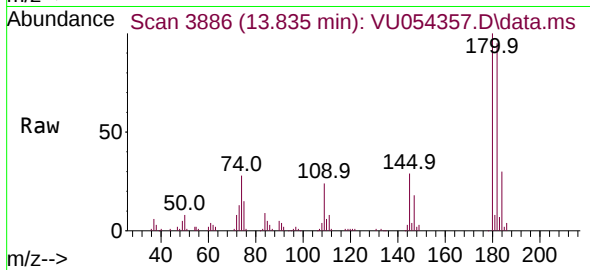
Tgt Ion:180	Resp:	75684
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.9 143.6
145	28.9	14.0 41.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#94

Hexachlorobutadiene

Concen: 17.531 ug/l

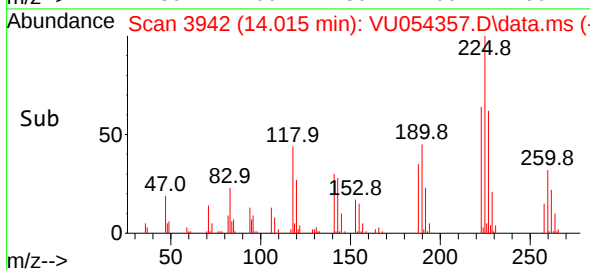
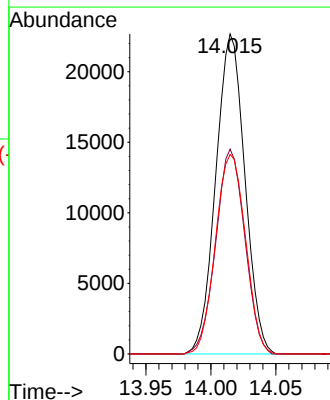
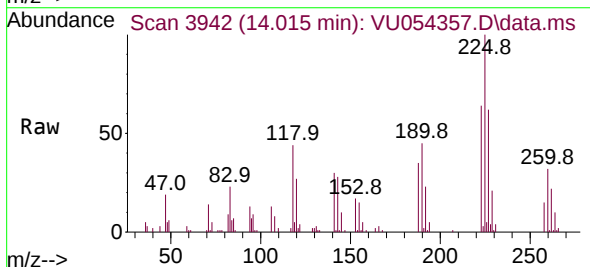
RT: 14.015 min Scan# 3942

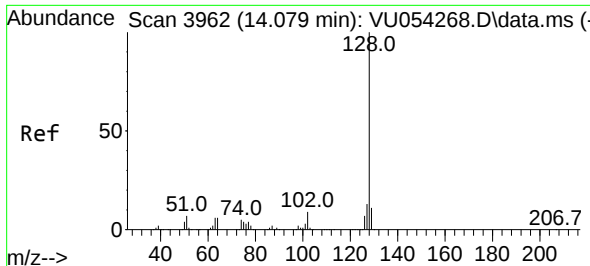
Delta R.T. -0.000 min

Lab File: VU054357.D

Acq: 31 May 2023 23:20

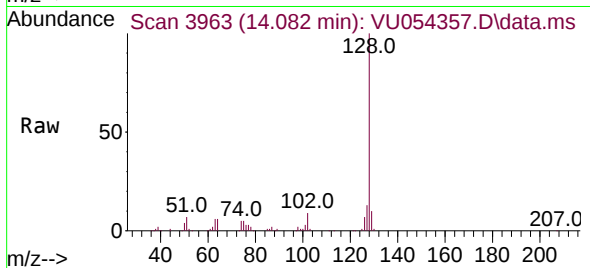
Tgt Ion:225	Resp:	35259
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.3 93.9
227	64.4	32.0 96.2





#95
Naphthalene
Concen: 18.217 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

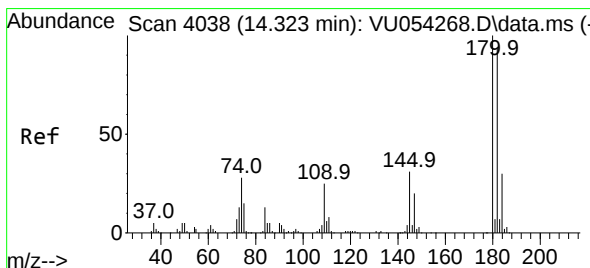
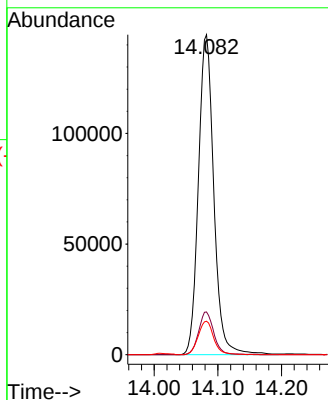
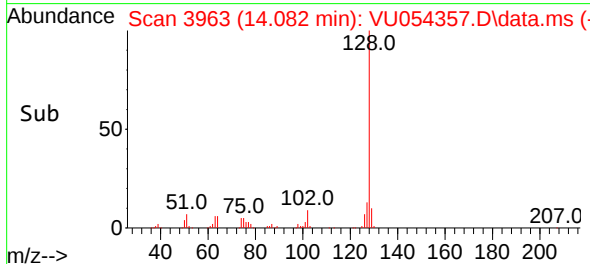
Instrument :
MSVOA_U
ClientSampleId :
VU0531WBS02



Tgt Ion:128 Resp: 243334
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.007 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054357.D
Acq: 31 May 2023 23:20

Tgt Ion:180 Resp: 76239
Ion Ratio Lower Upper
180 100
182 97.3 48.4 145.0
145 31.4 14.8 44.4

